

FIG. 1

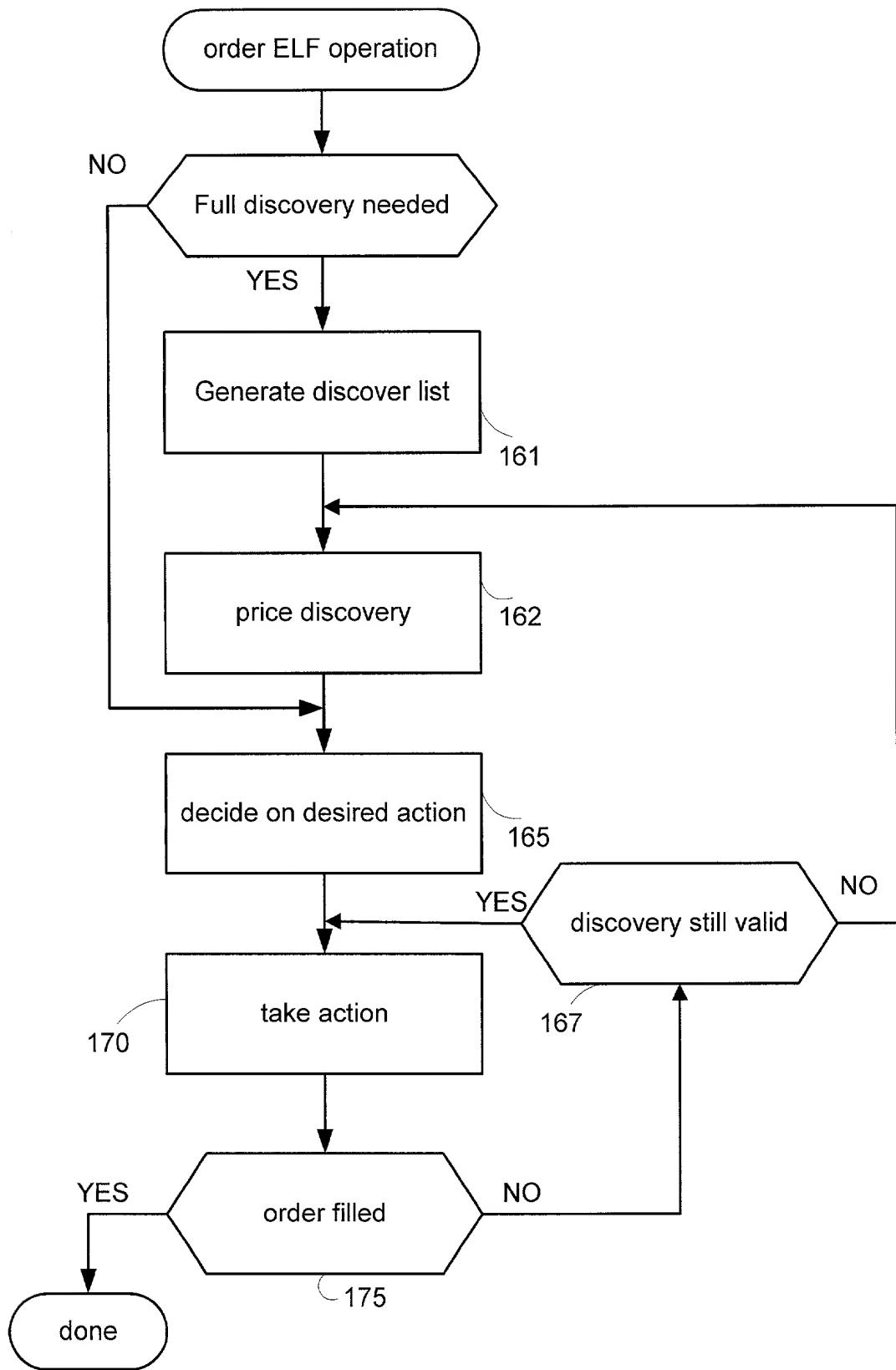
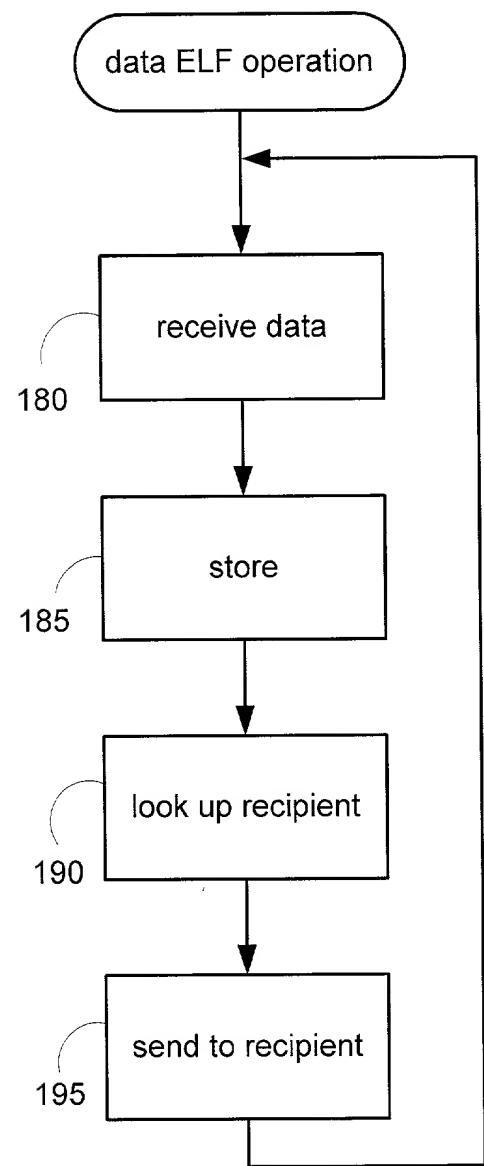


FIG. 2



**FIG. 3**

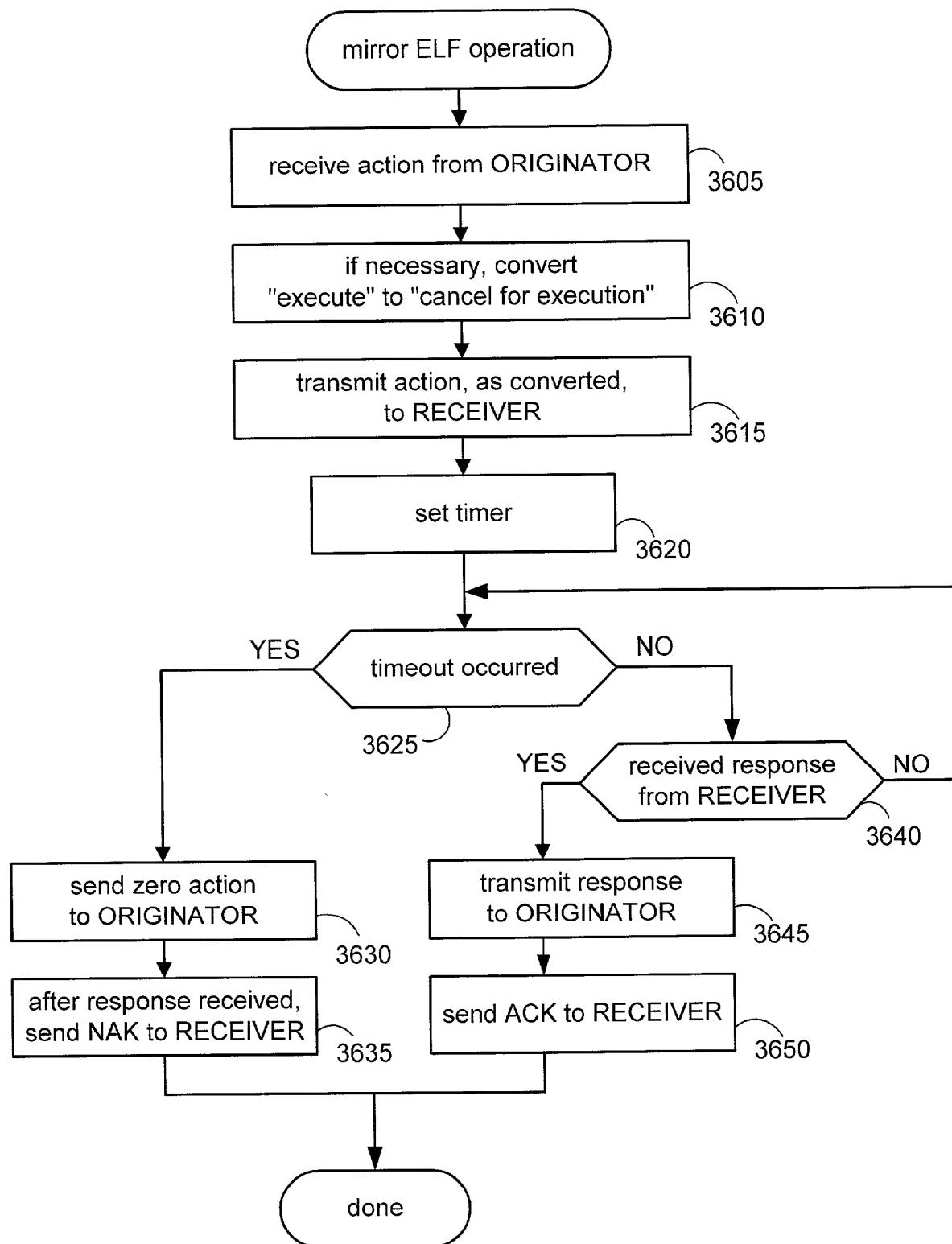


FIG. 4

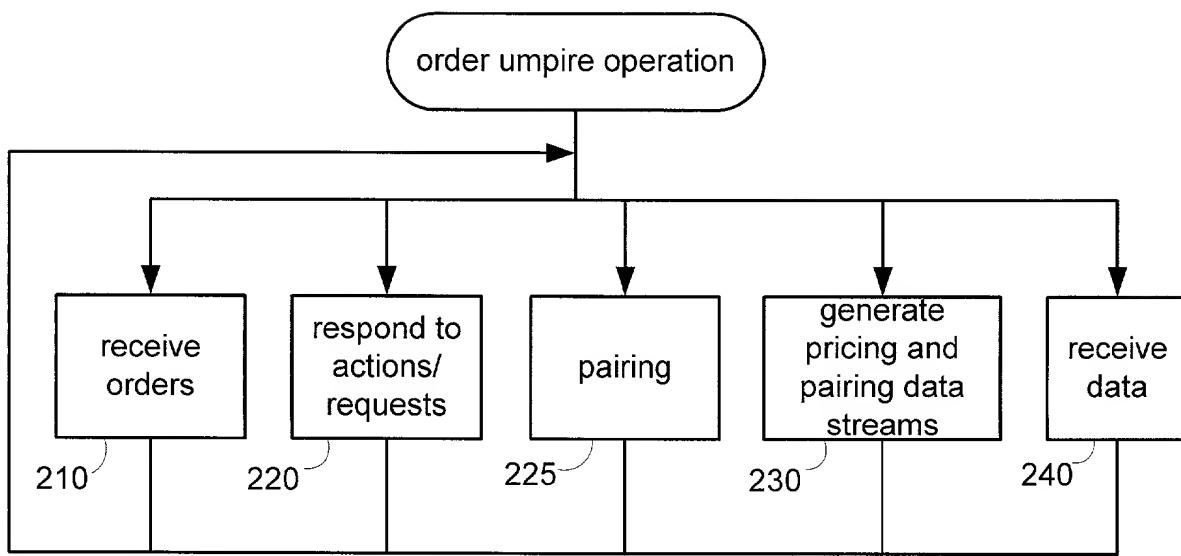


FIG. 5

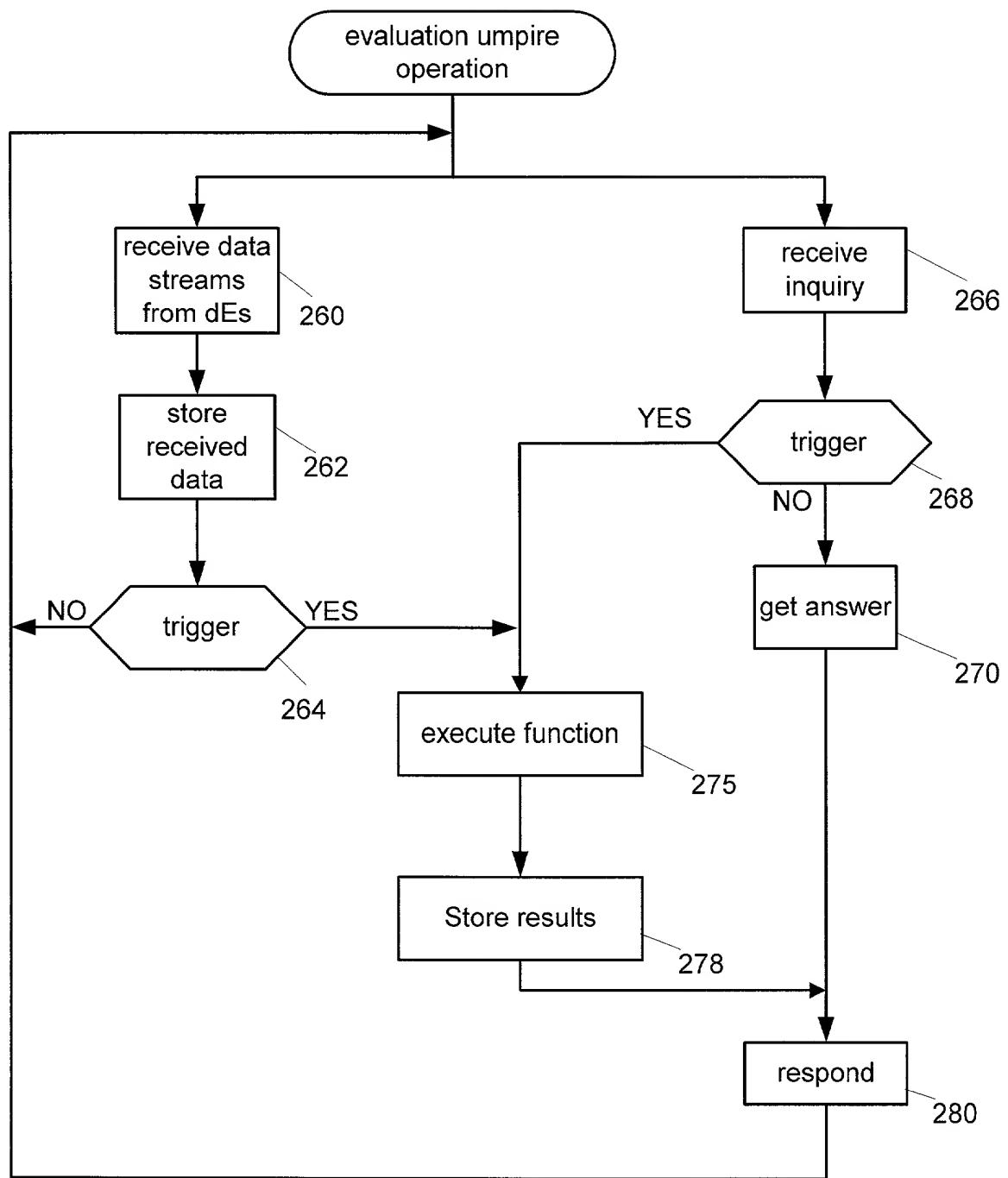


FIG. 6

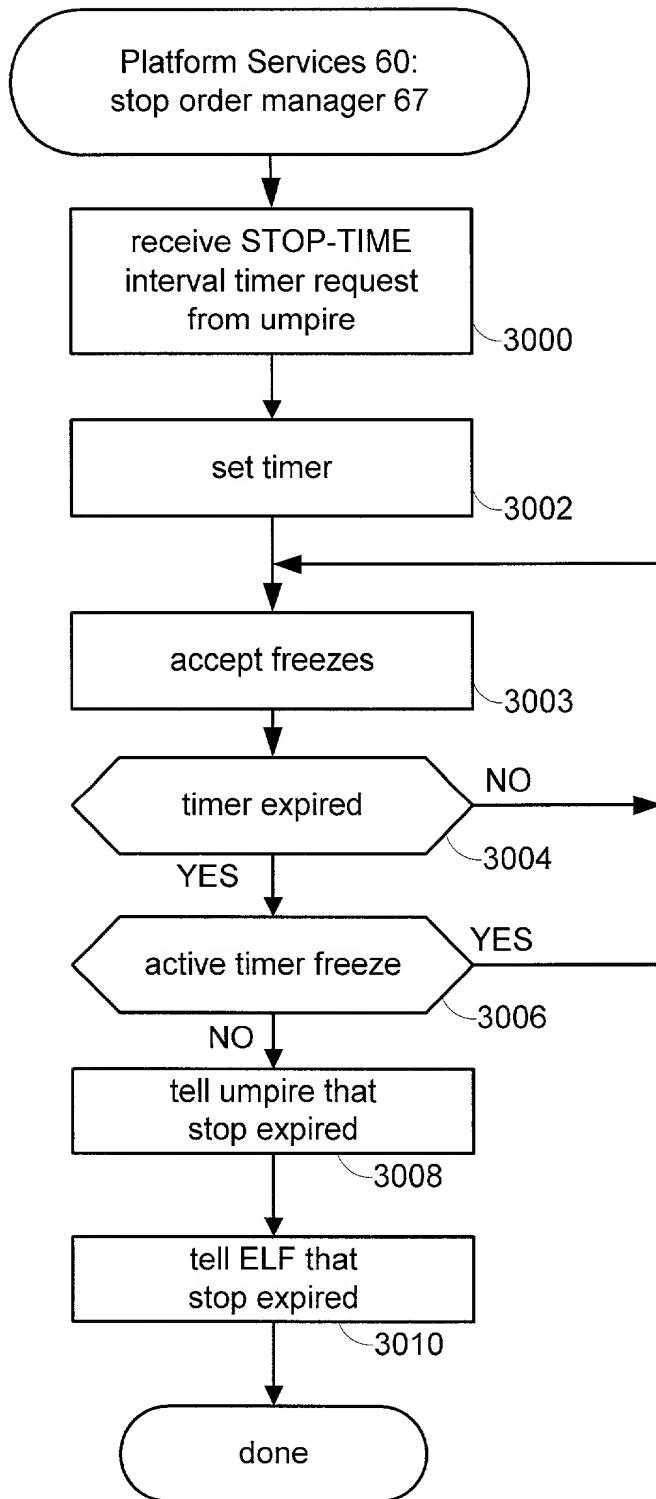


FIG. 7

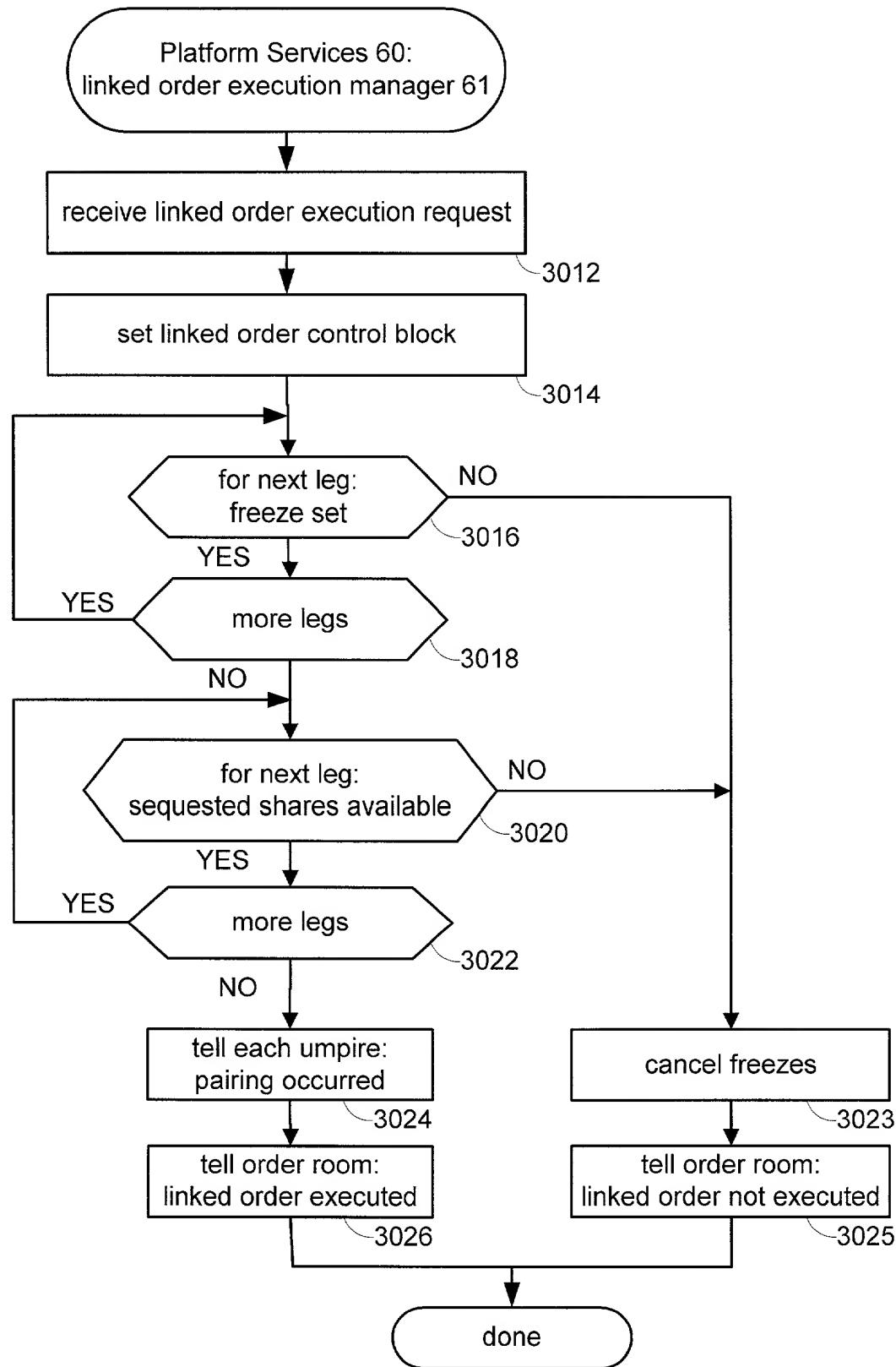


FIG. 8

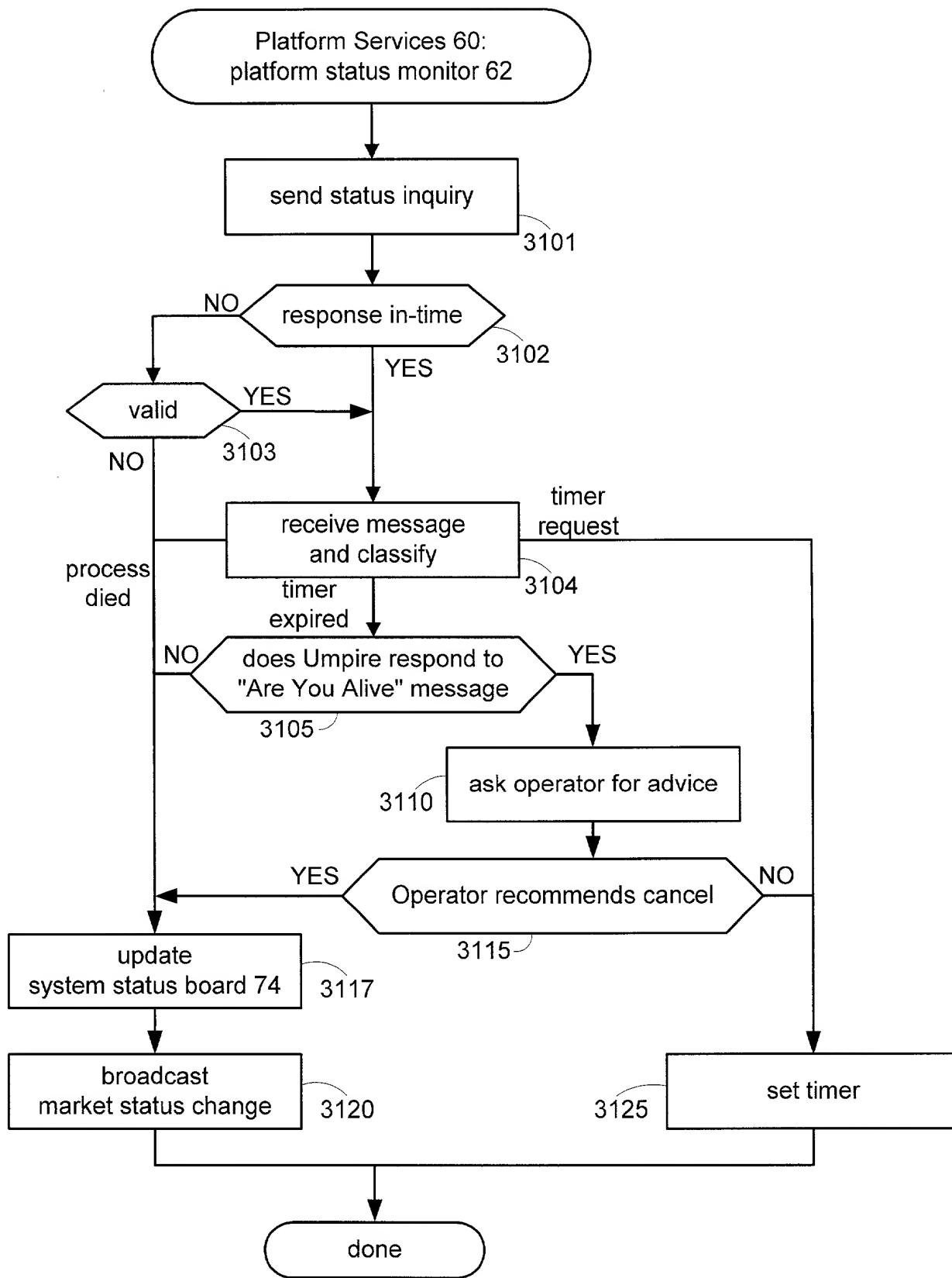


FIG. 9

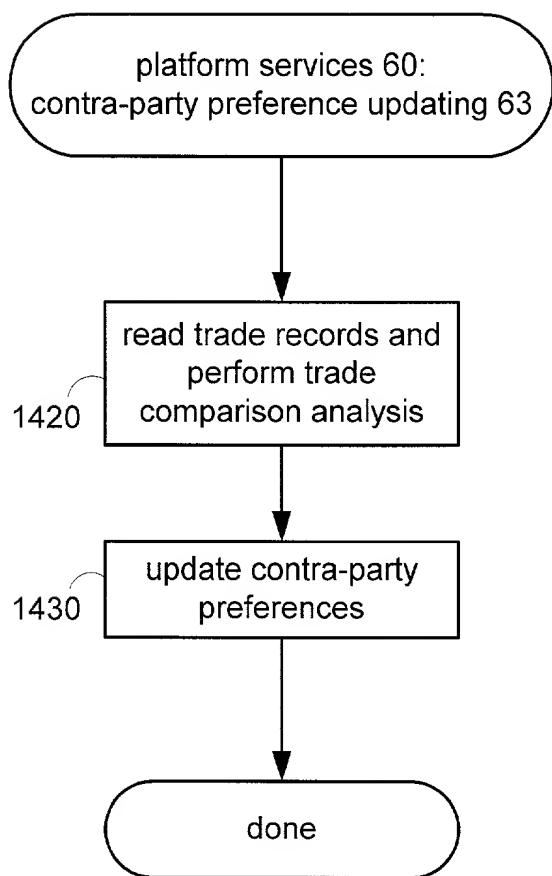


FIG. 10

Status				
	Open/ Closed/ Suspended	Open/fast symbol/In- Process	List of ELFs Registered	(other status information)
Umpires	U1			
	U2			
	U3			
	U4			
	U5			
ELF 1				
ELF 2				
ELF 3				

74

FIG. 11

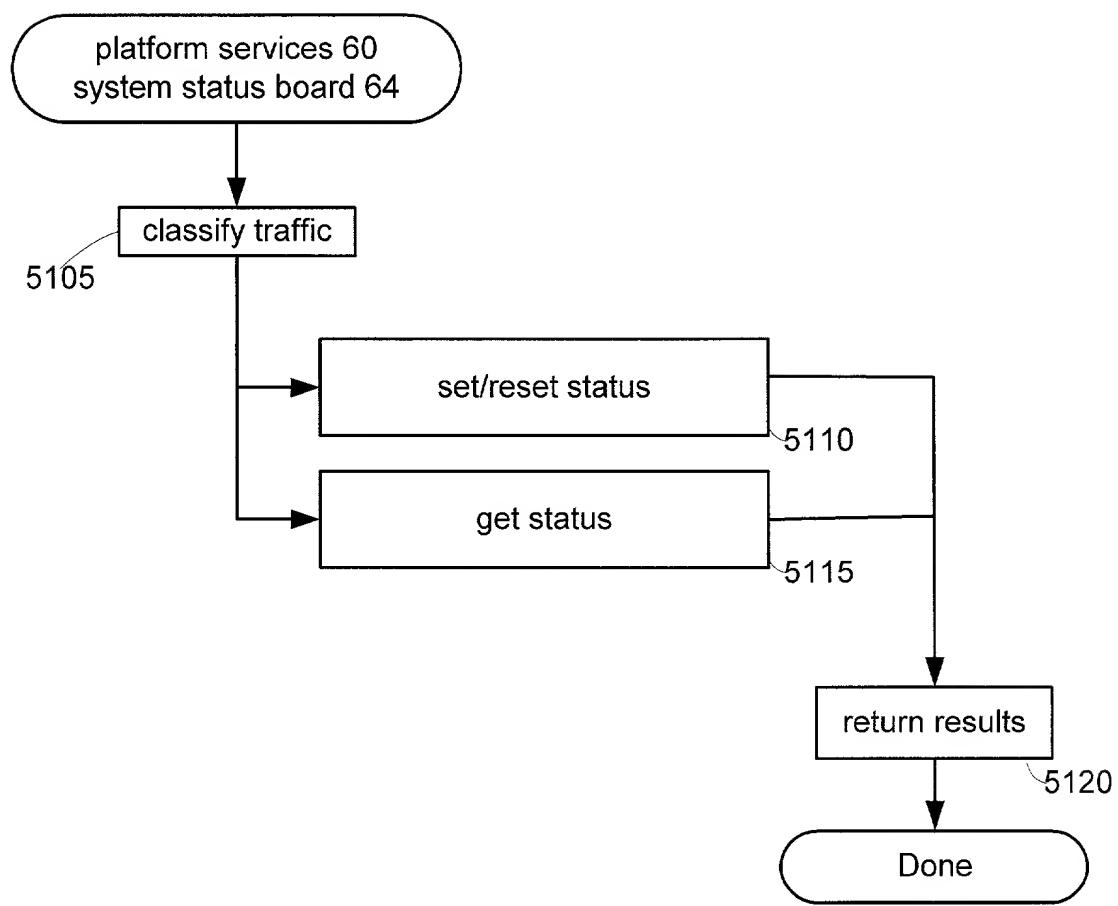
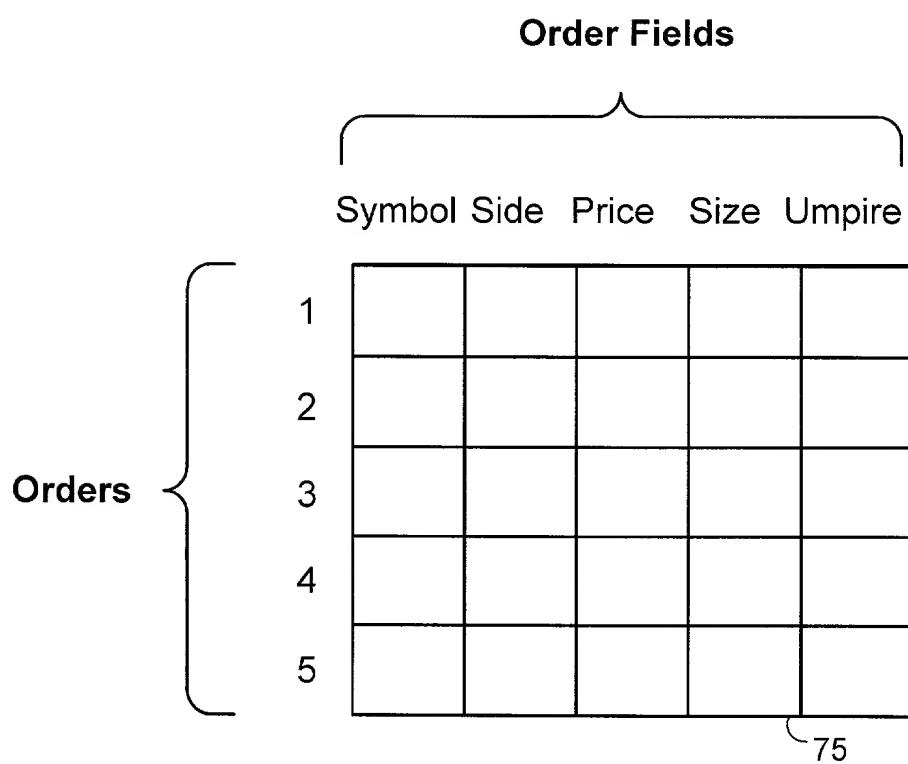
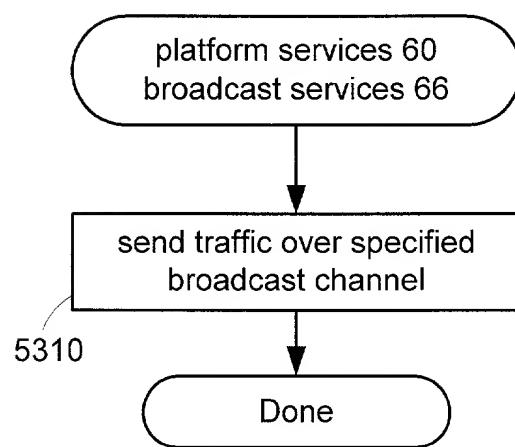
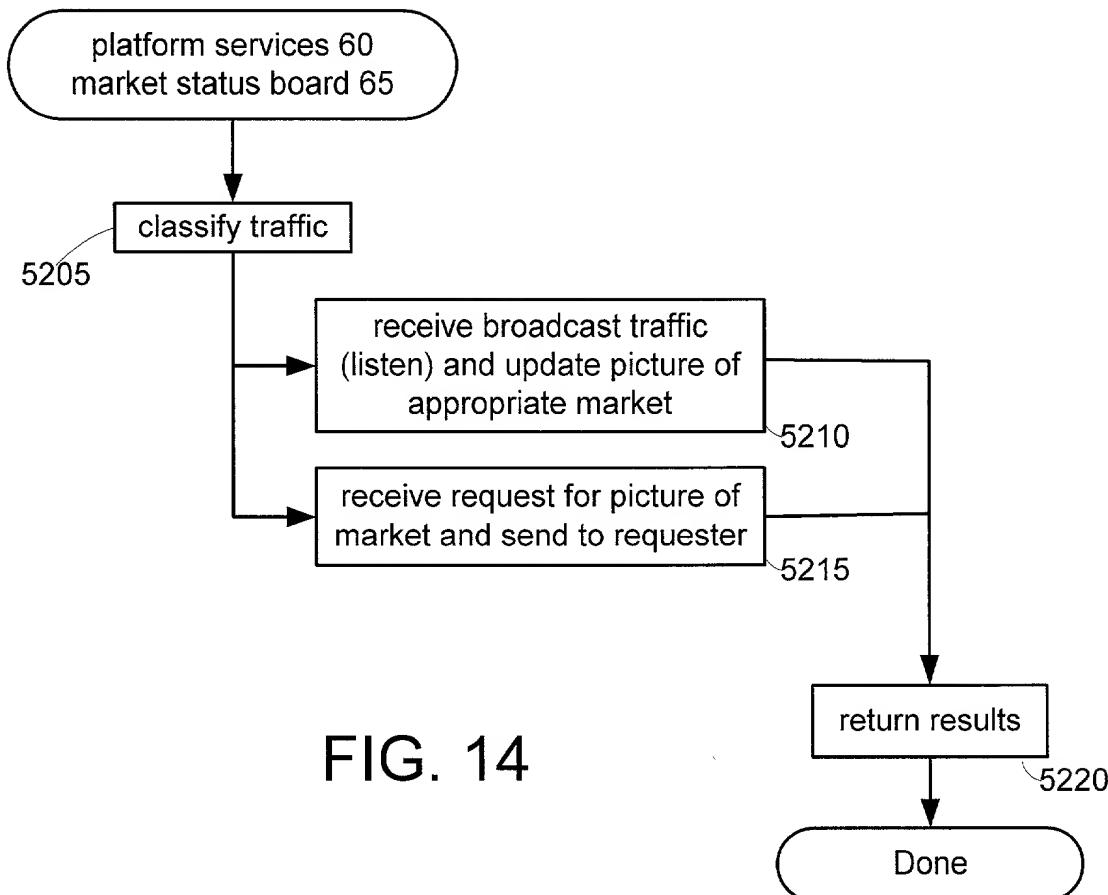


FIG. 12



**FIG. 13**



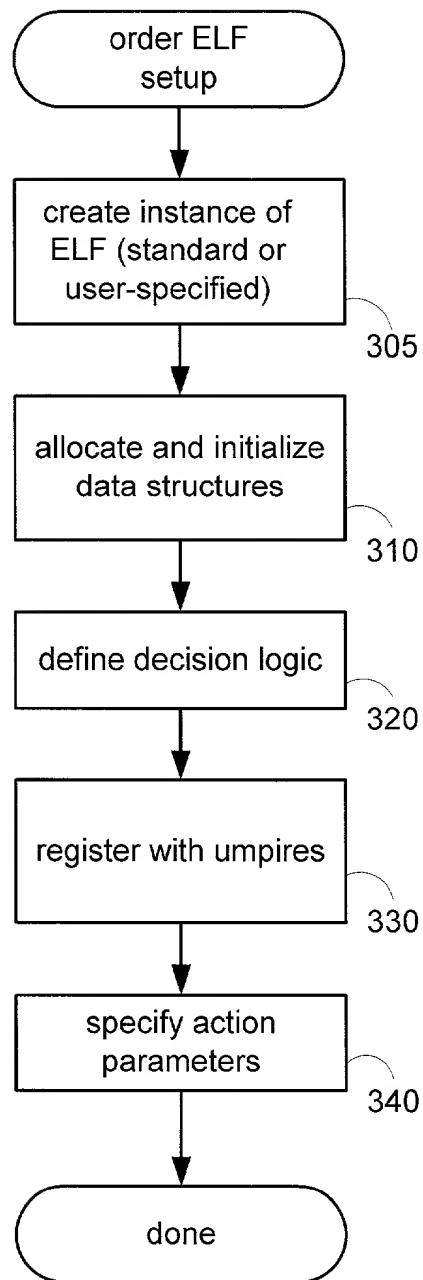
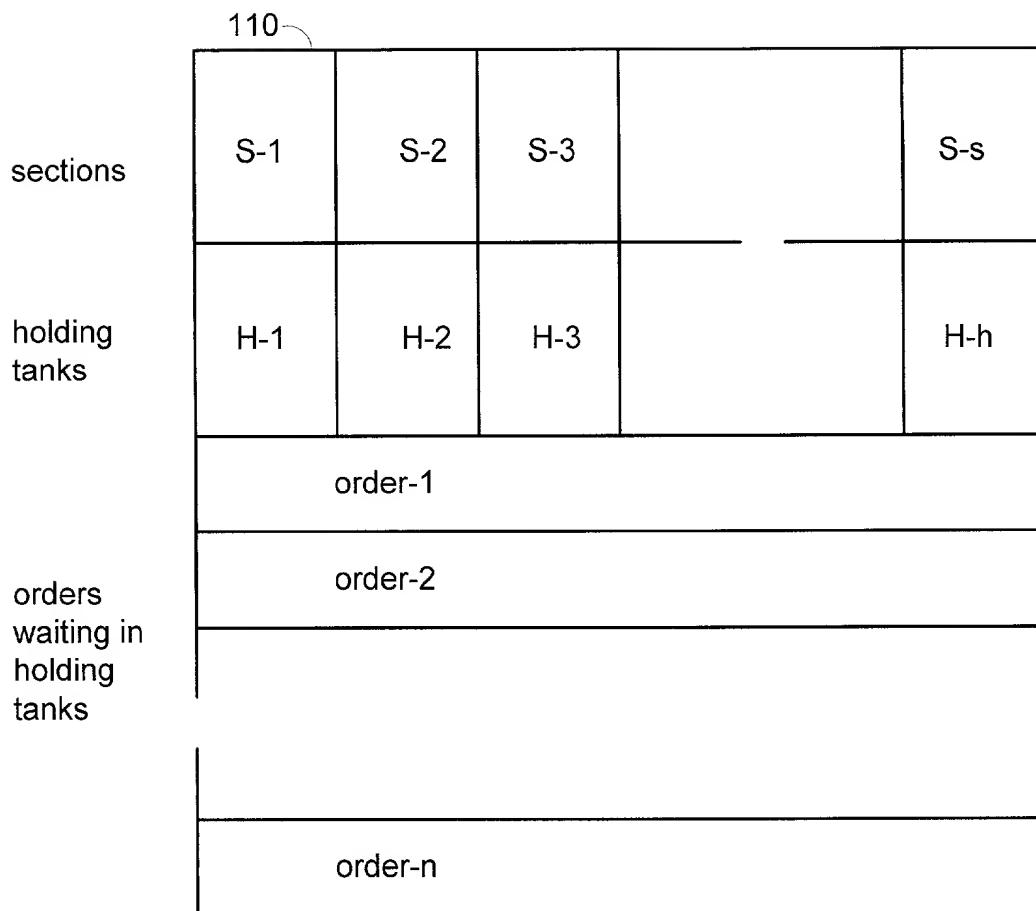
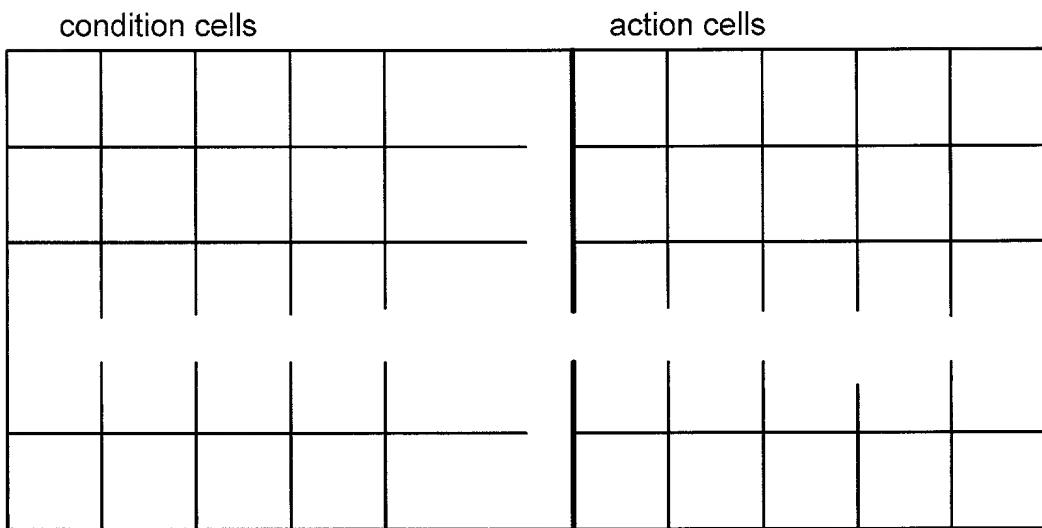


FIG. 16

**FIG. 17****FIG. 18**

name of symbol	type	attributes	default value	value

150

FIG. 19

umpire 342
umpire 30
.
.
umpire 154

130

FIG. 20

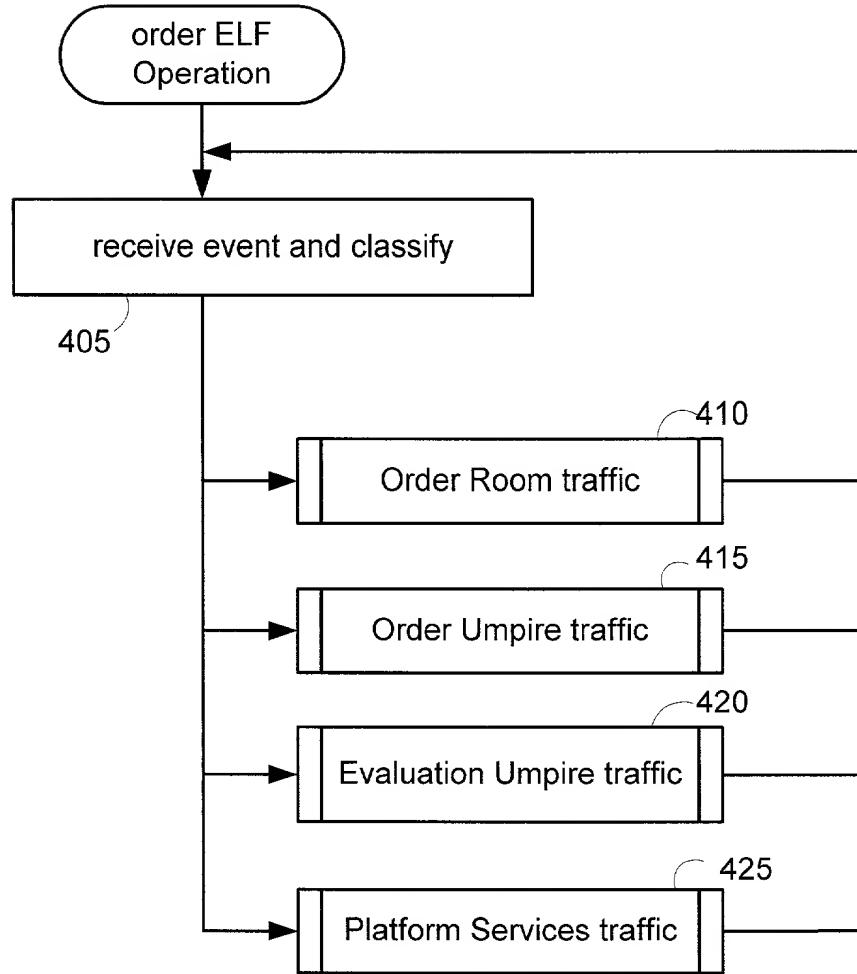


FIG. 21

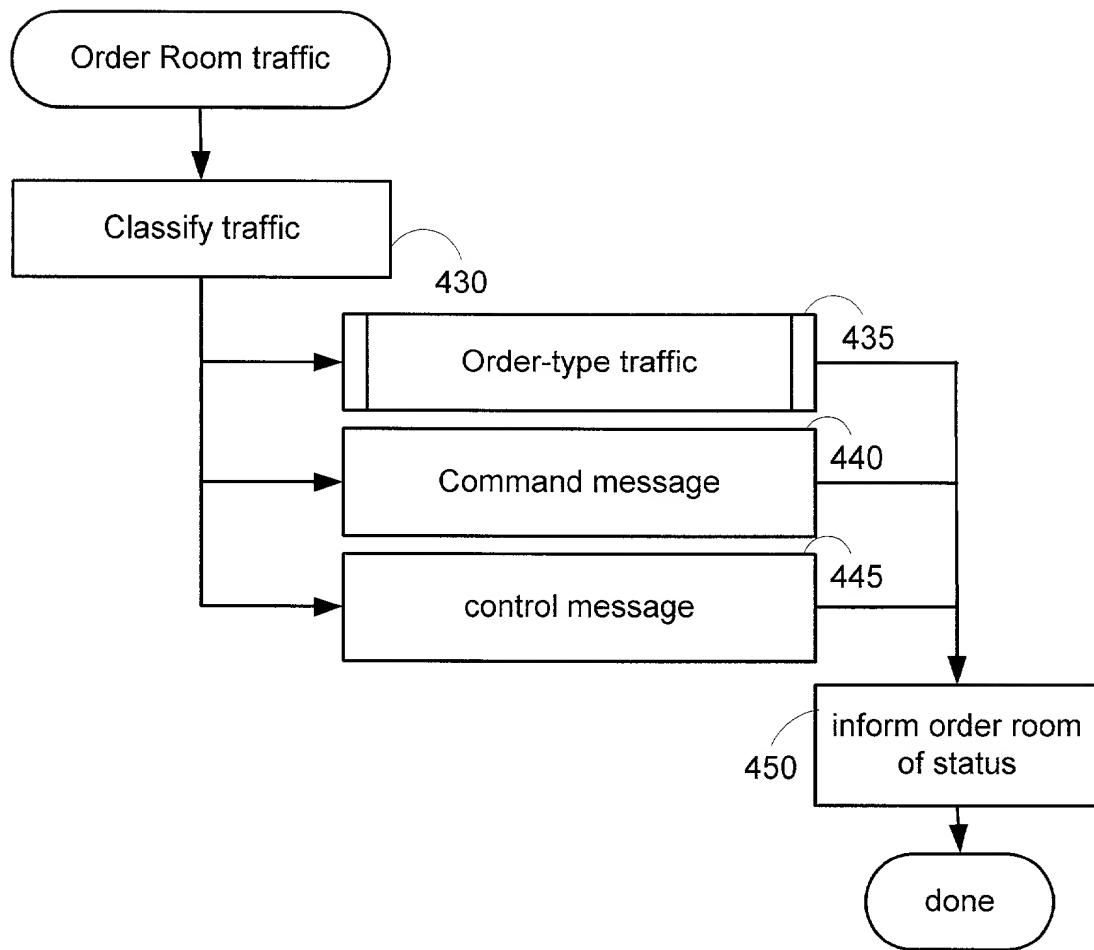


FIG. 22

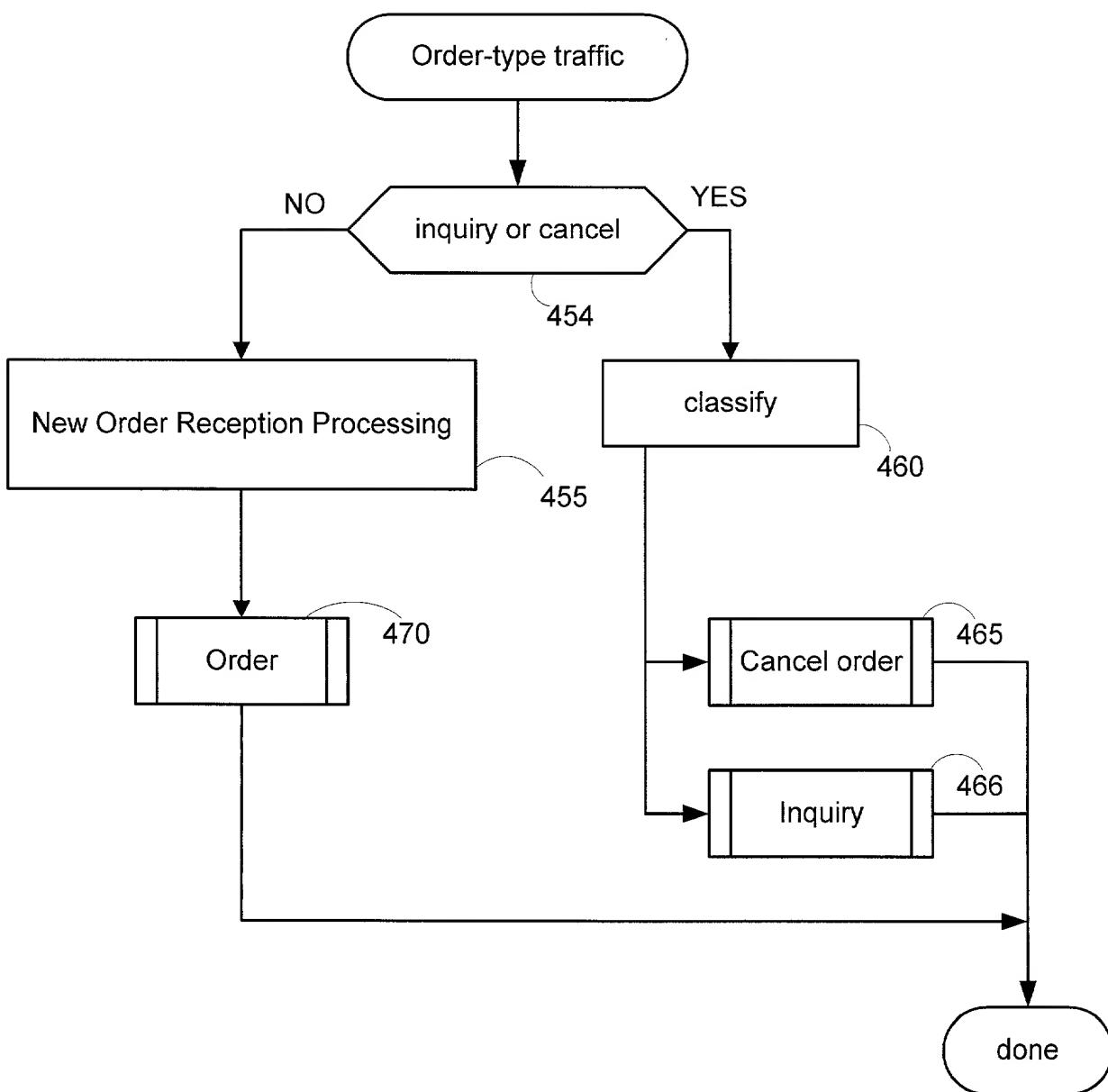


FIG. 23

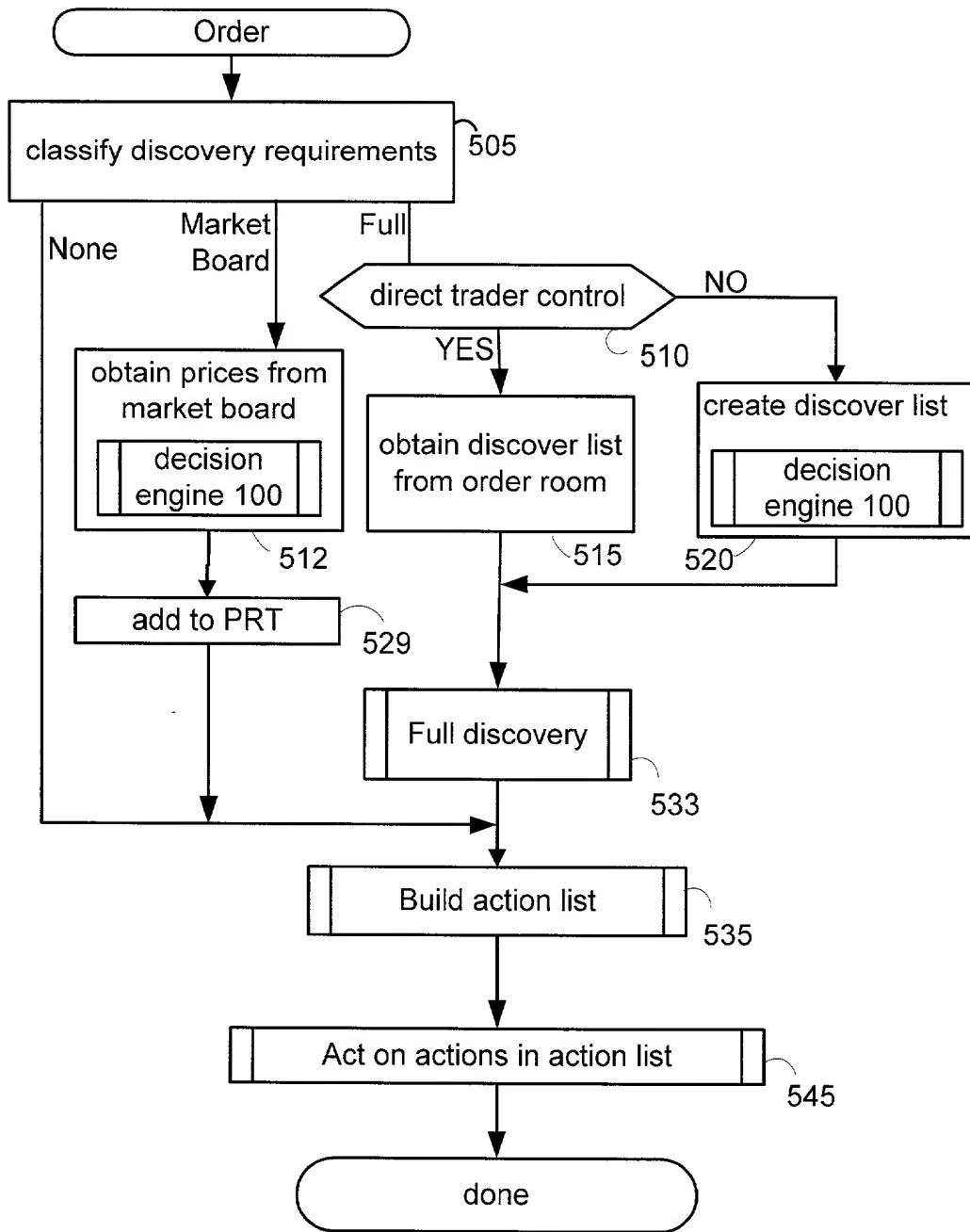


FIG. 24

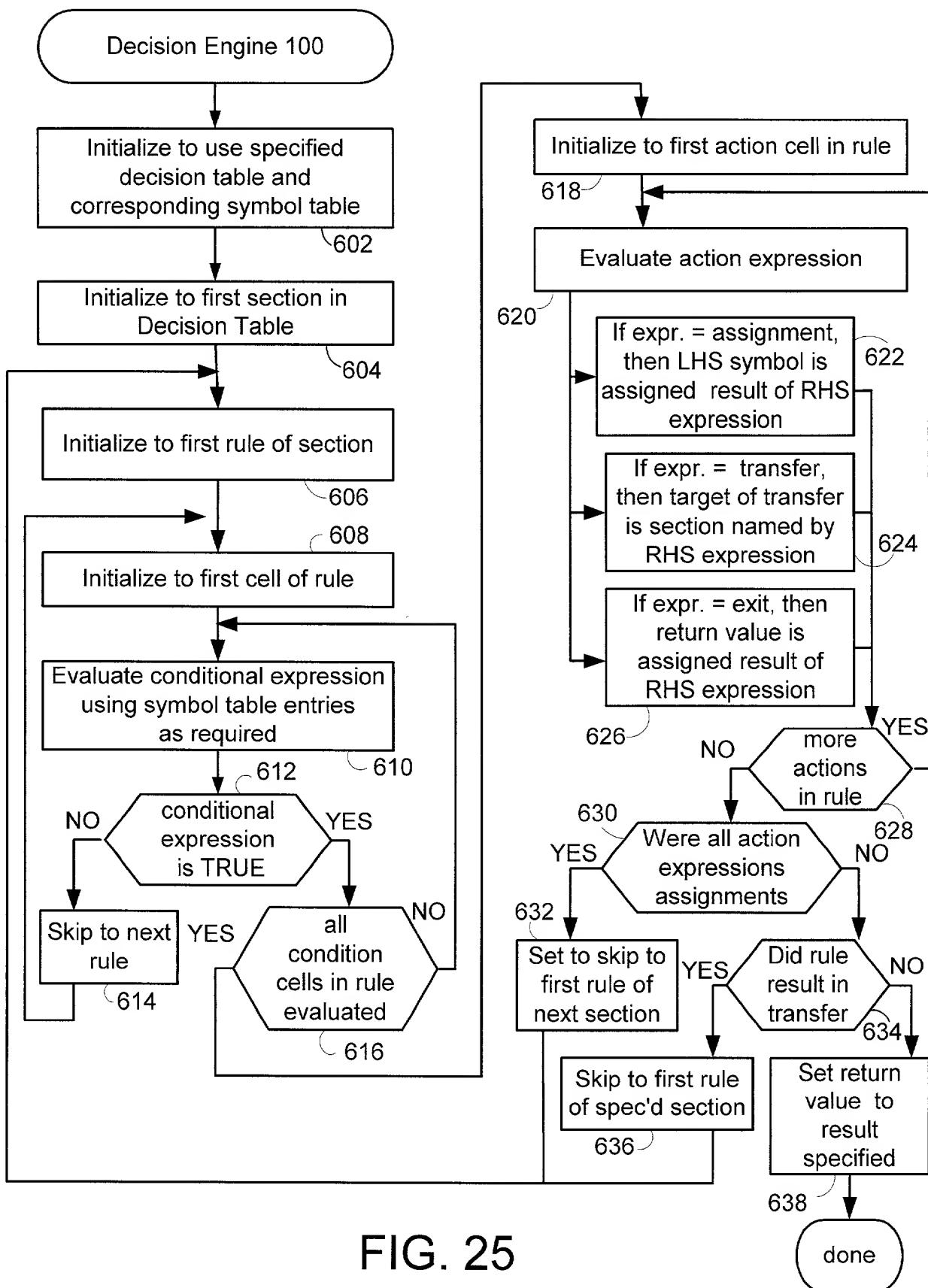


FIG. 25

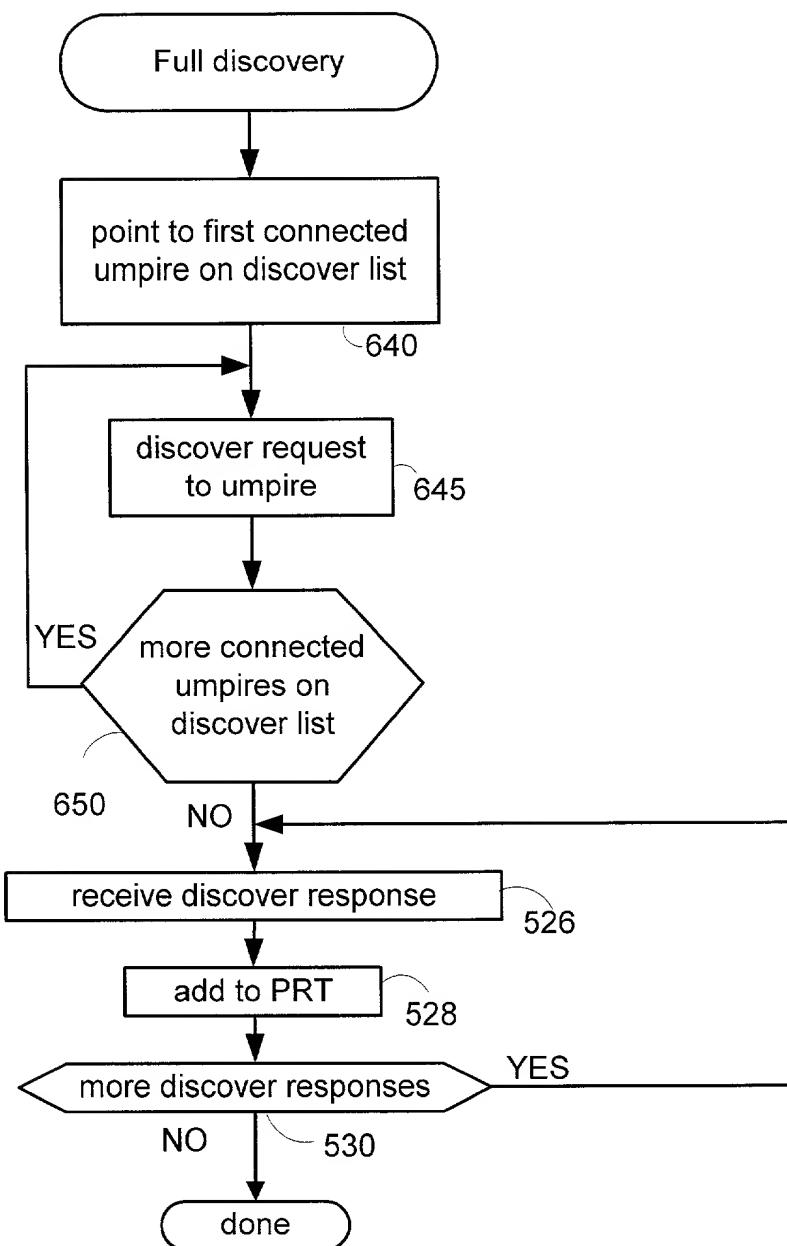


FIG. 26

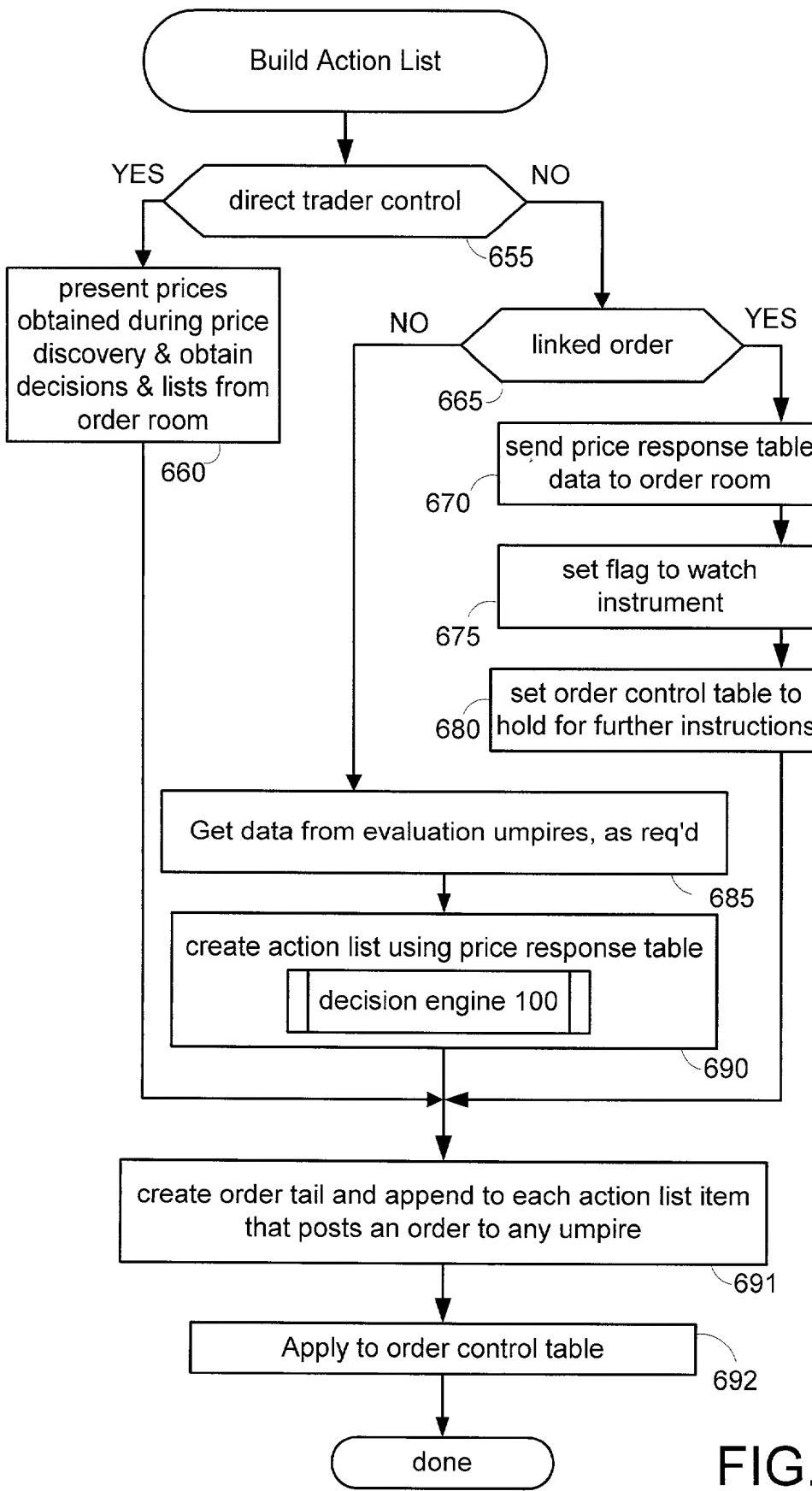


FIG. 27

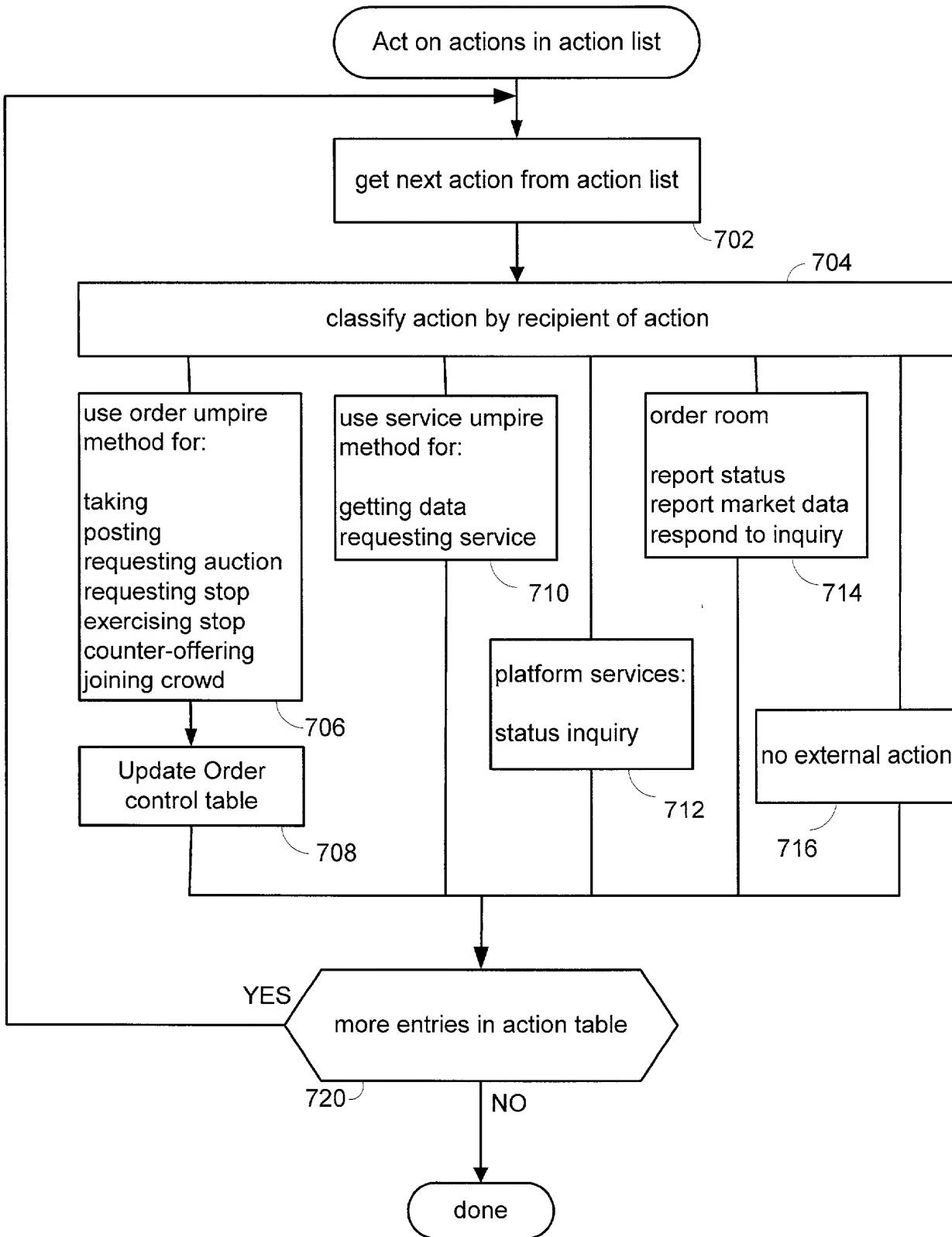
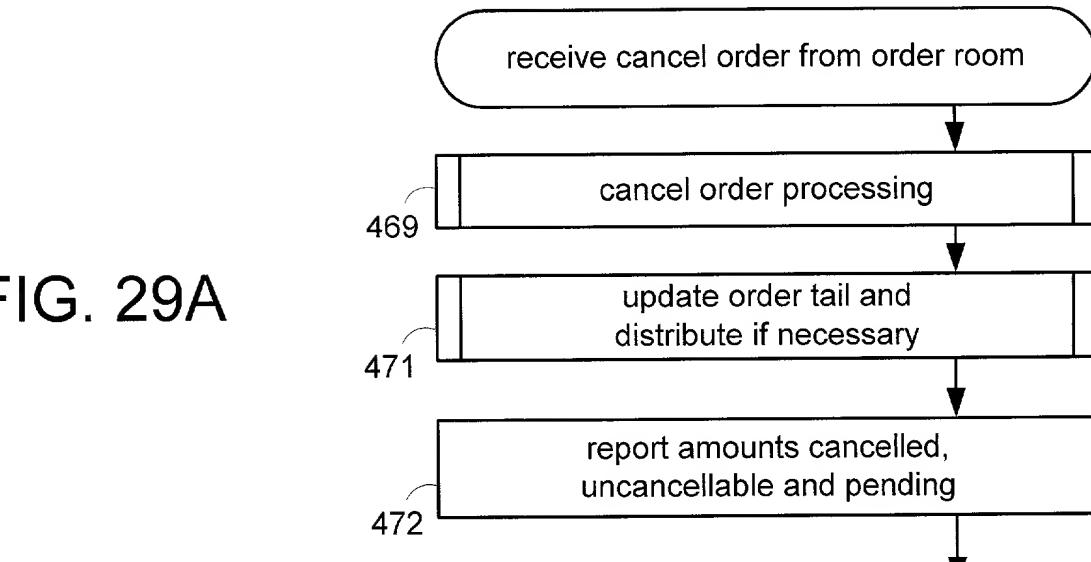


FIG. 28

**FIG. 29A**

cancel order processing

done

initialize to order control table for first umpire

for this umpire, cancel specified quantity

473

475

Cancel fulfilled

480

Any portions of  
order in-process

YES

485

record remainder of cancel amount and add  
remainder of cancel to pending action queue.

YES

more umpires

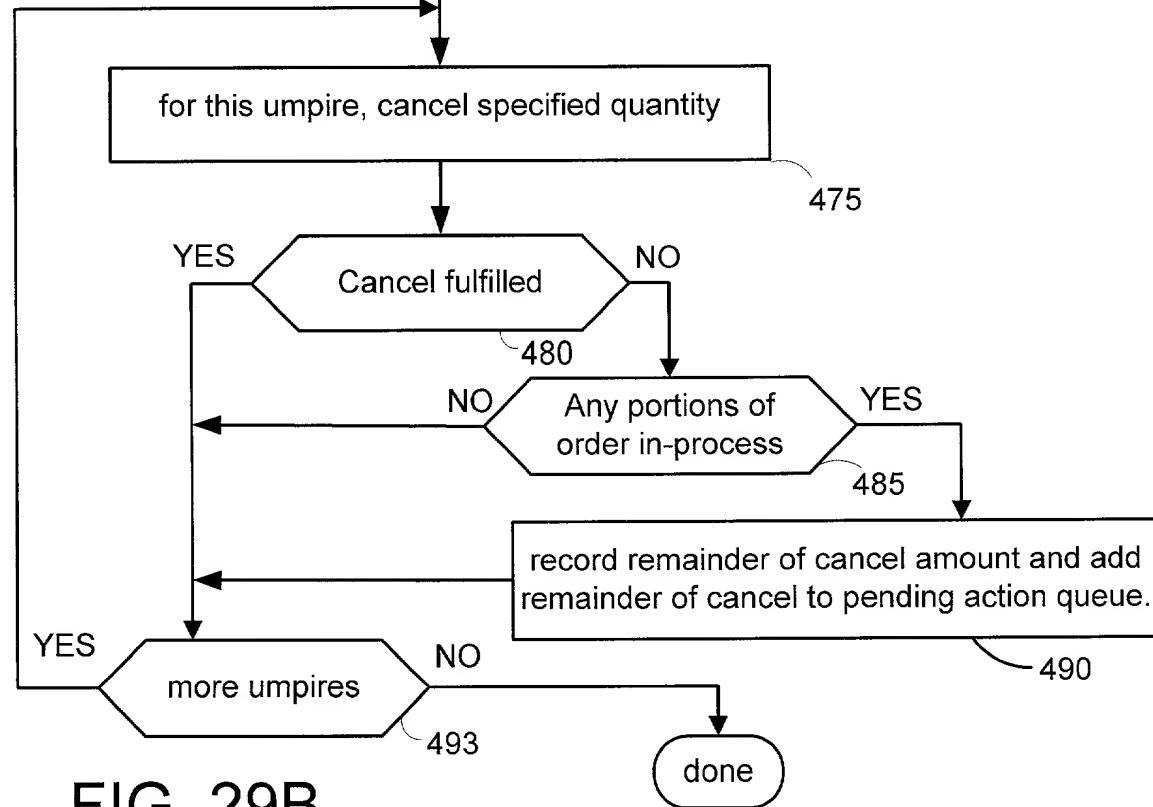
493

done

**FIG. 29B**

receive cancel order from order room

cancel order processing

update order tail and  
distribute if necessaryreport amounts cancelled,  
uncancellable and pending

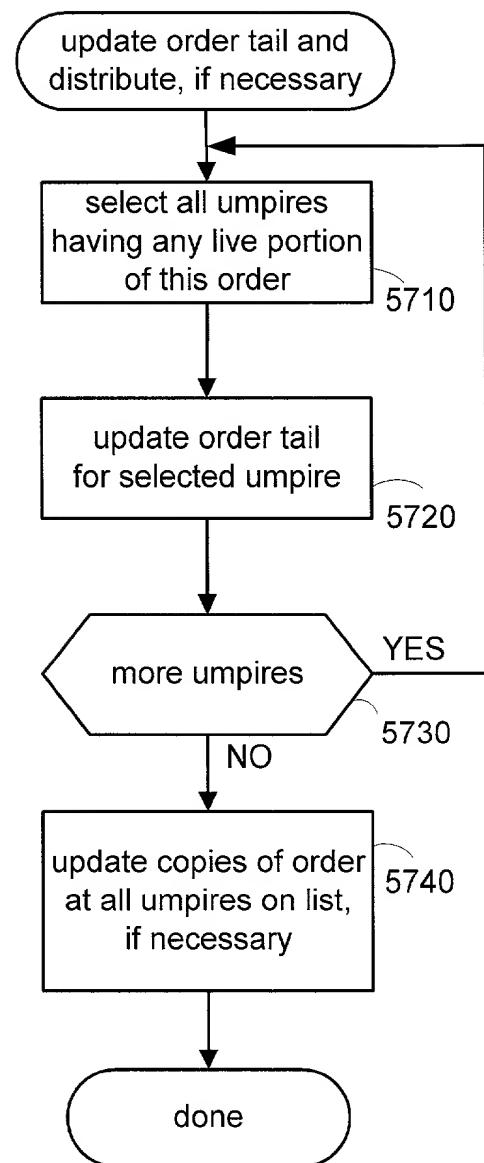


FIG. 30

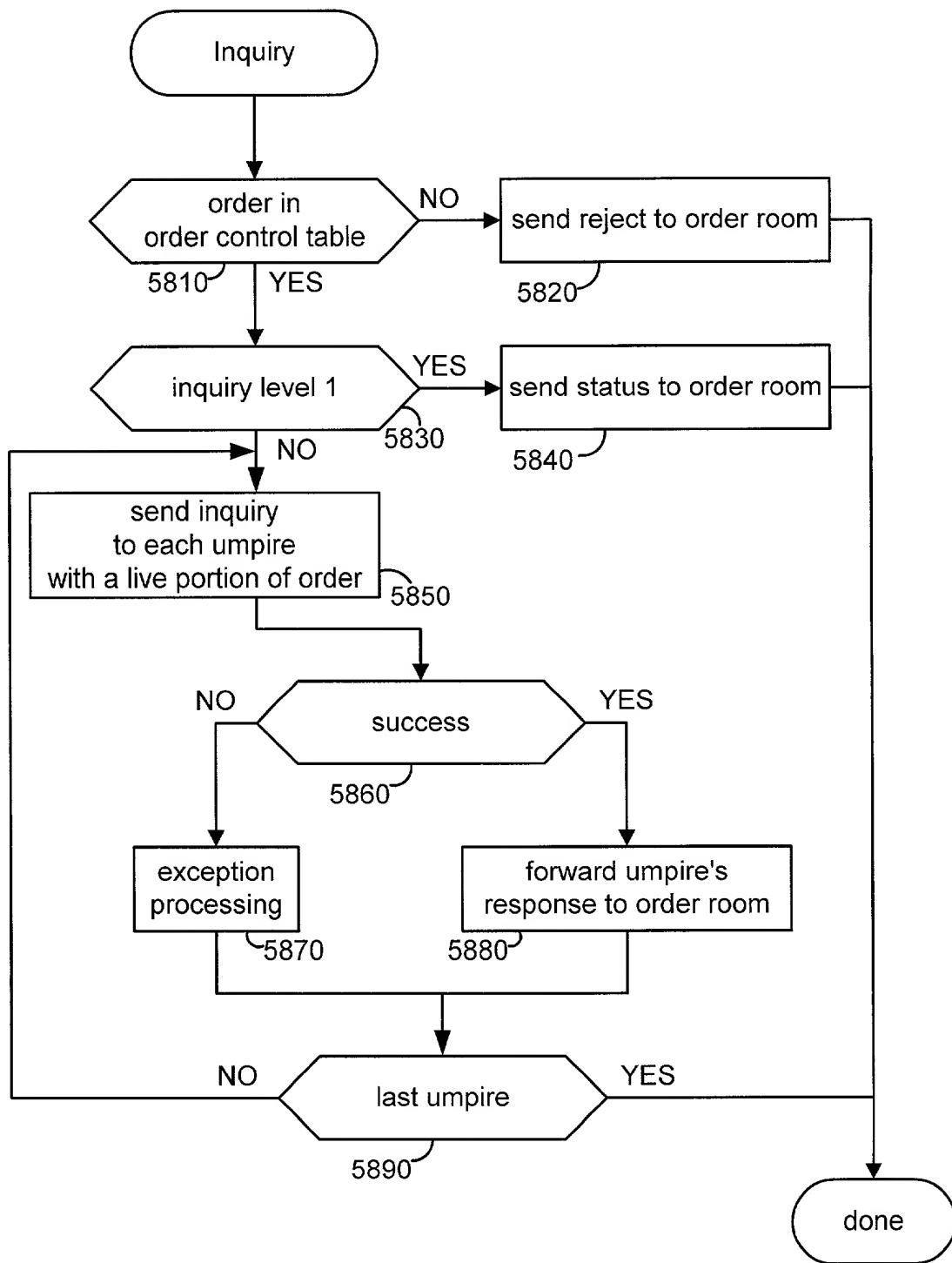


FIG. 31

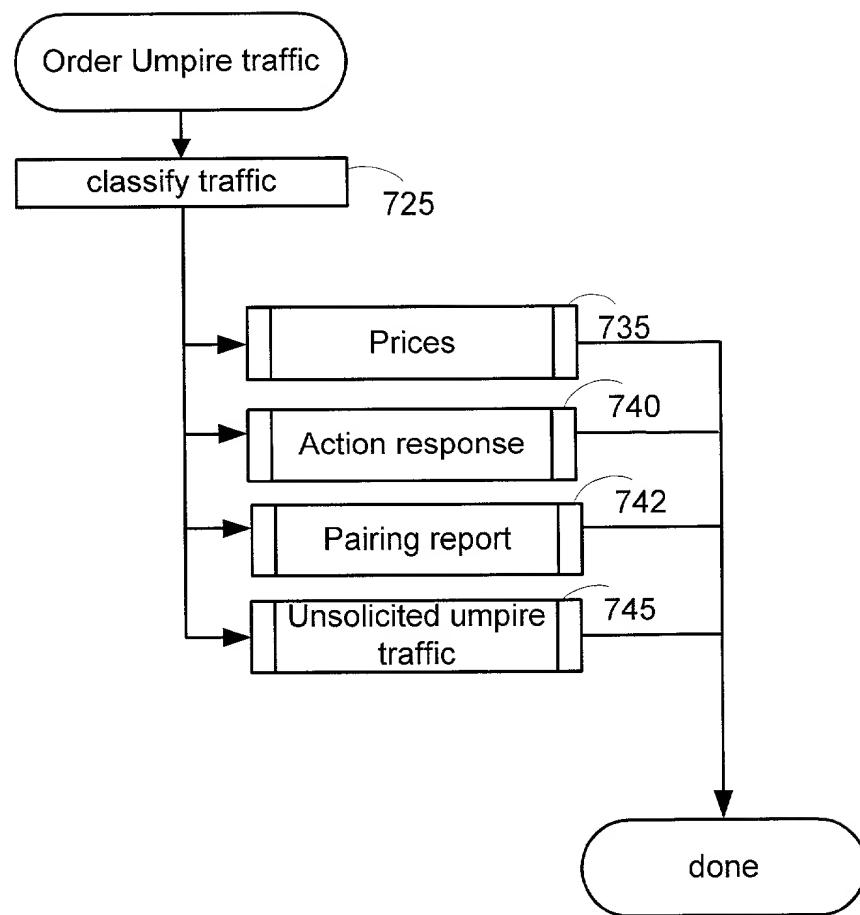


FIG. 32

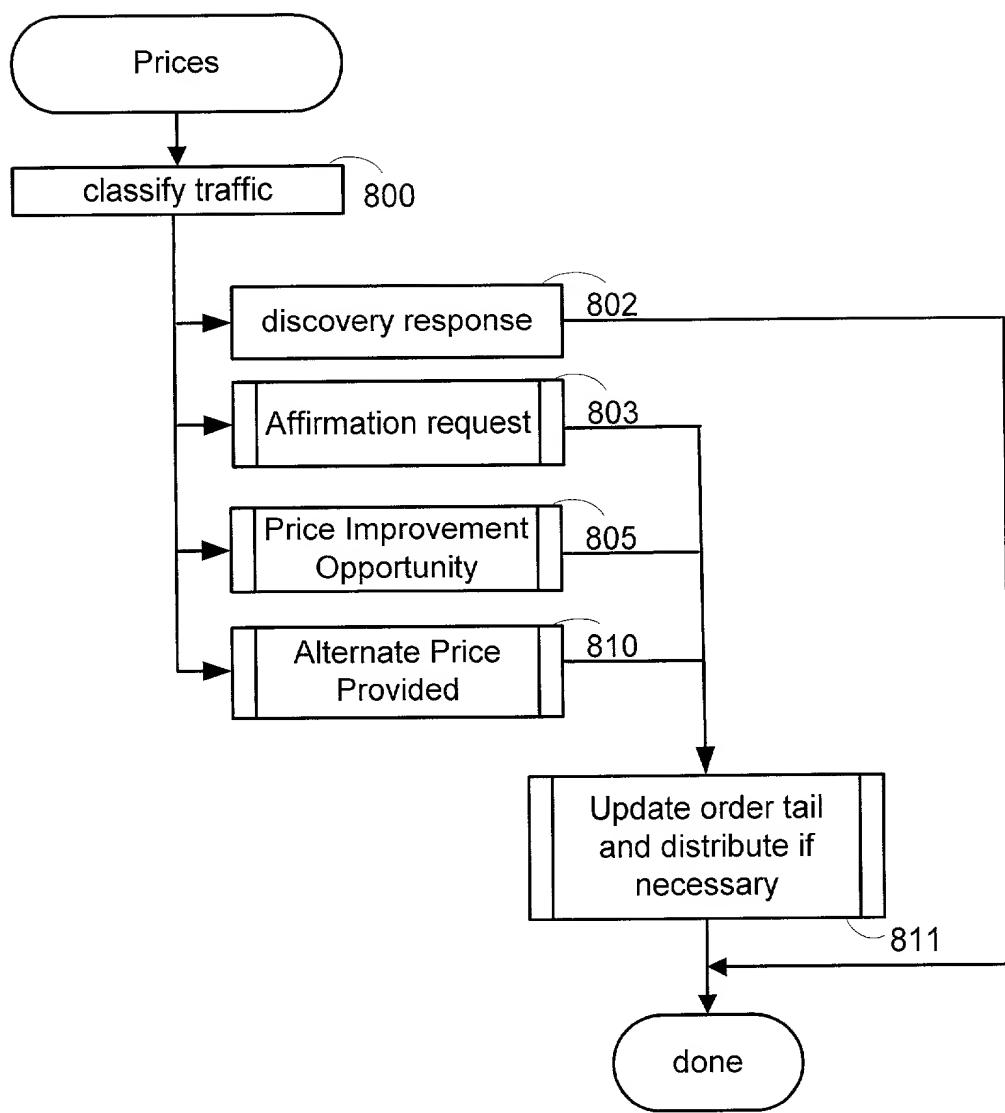


FIG. 33

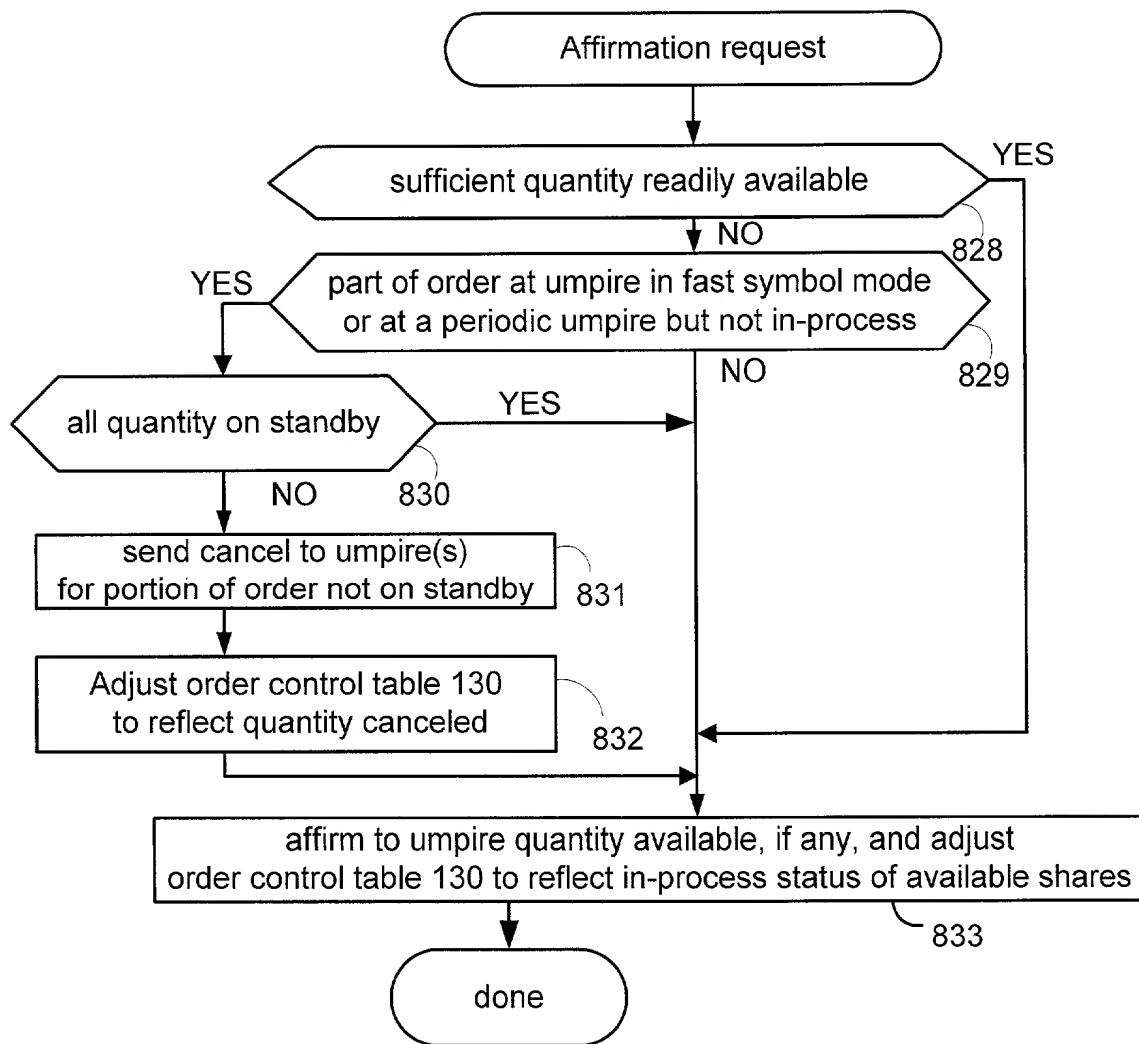


FIG. 34

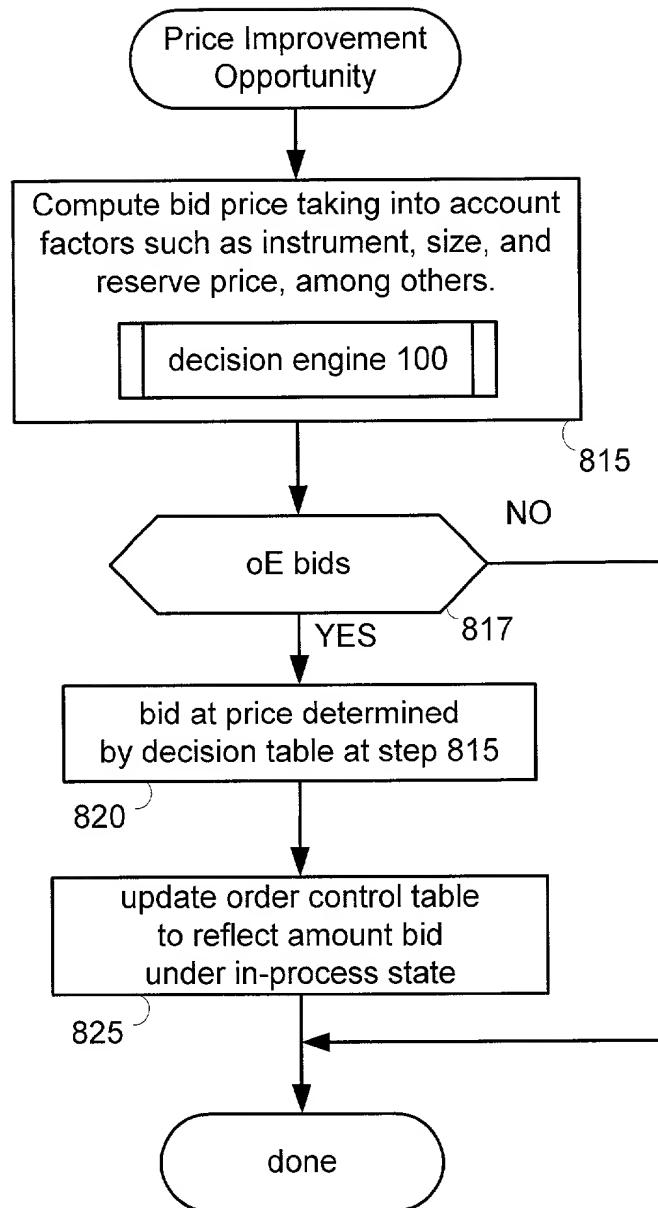


FIG. 35

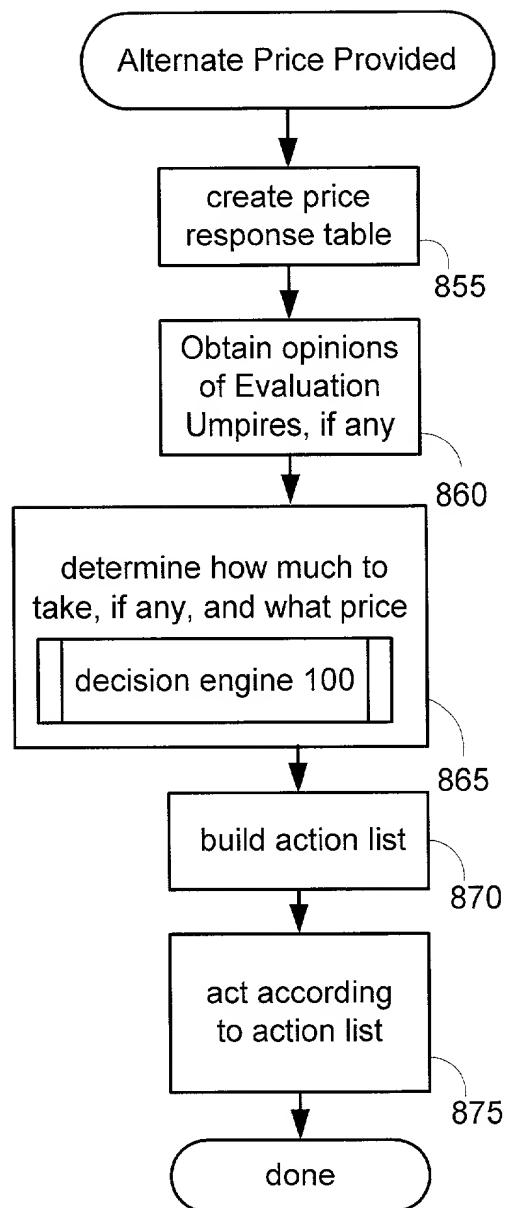


FIG. 36

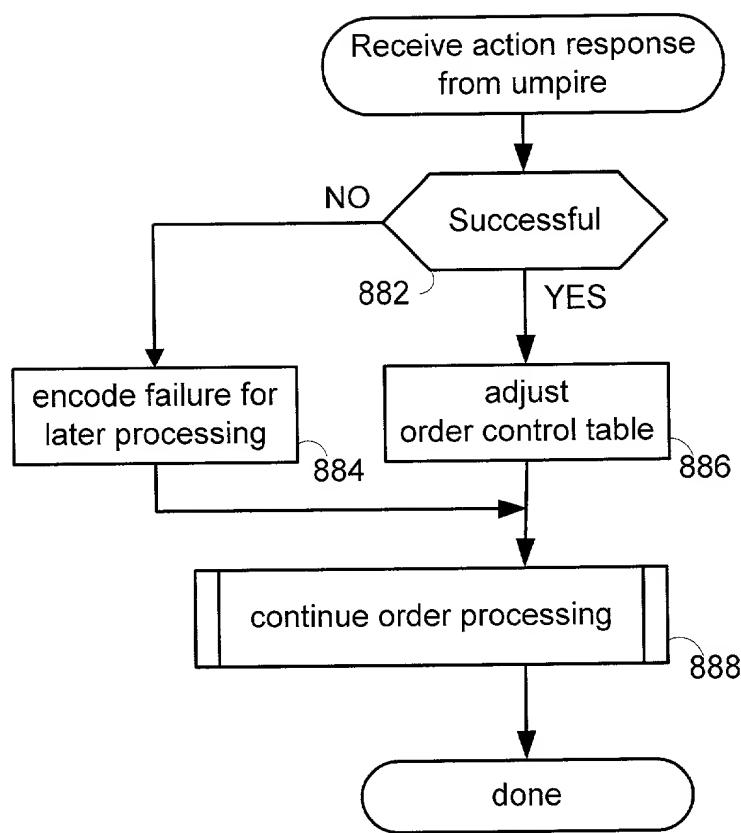


FIG. 37

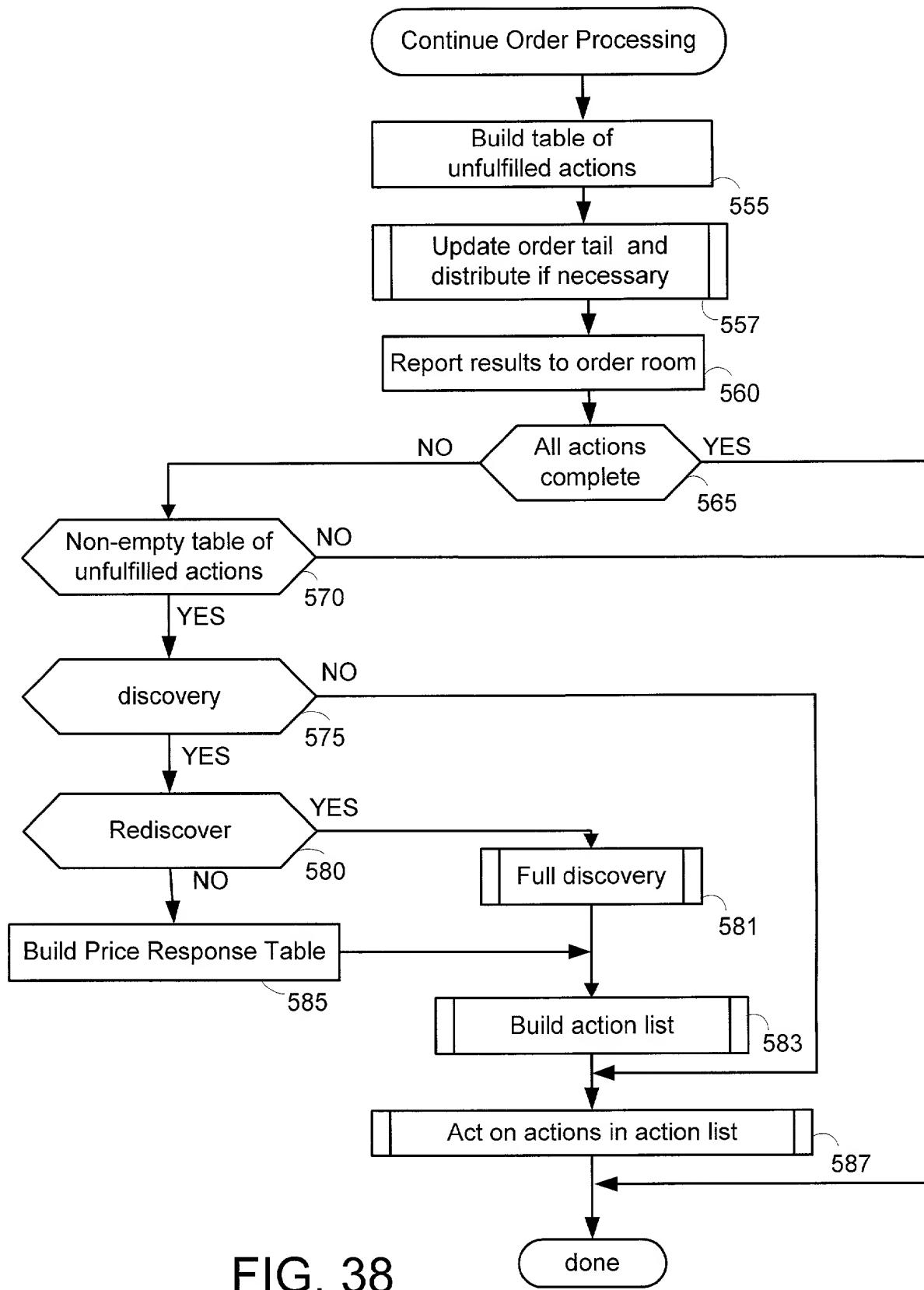


FIG. 38

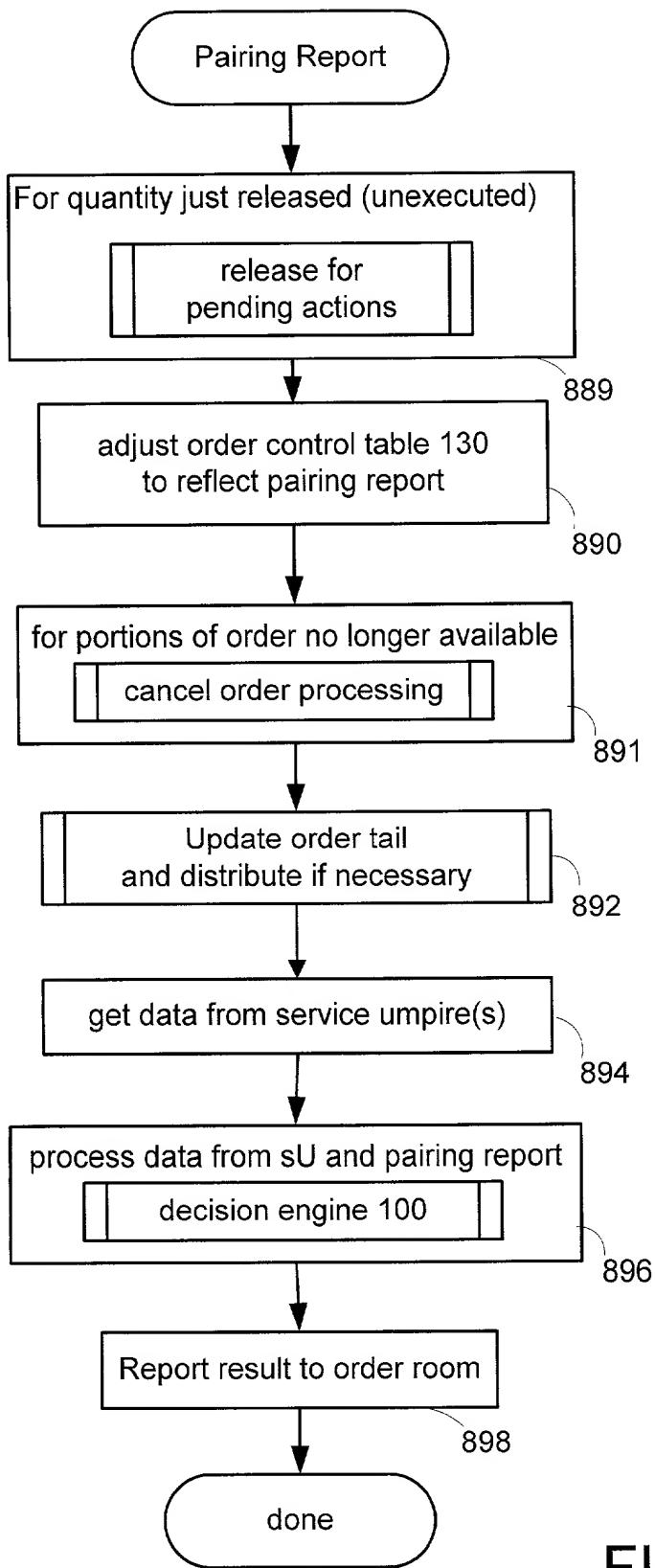


FIG. 39

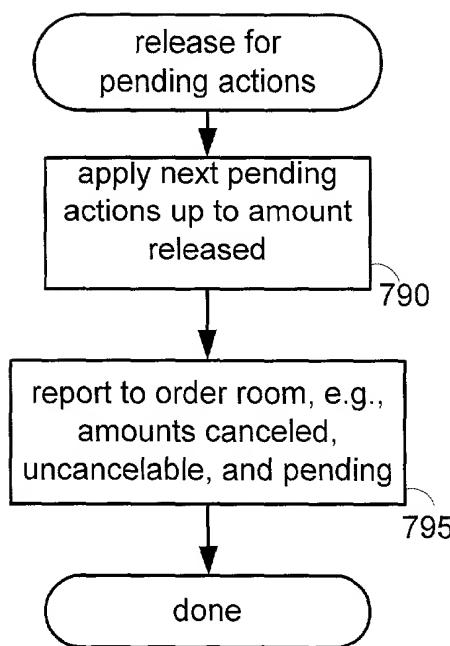


FIG. 40

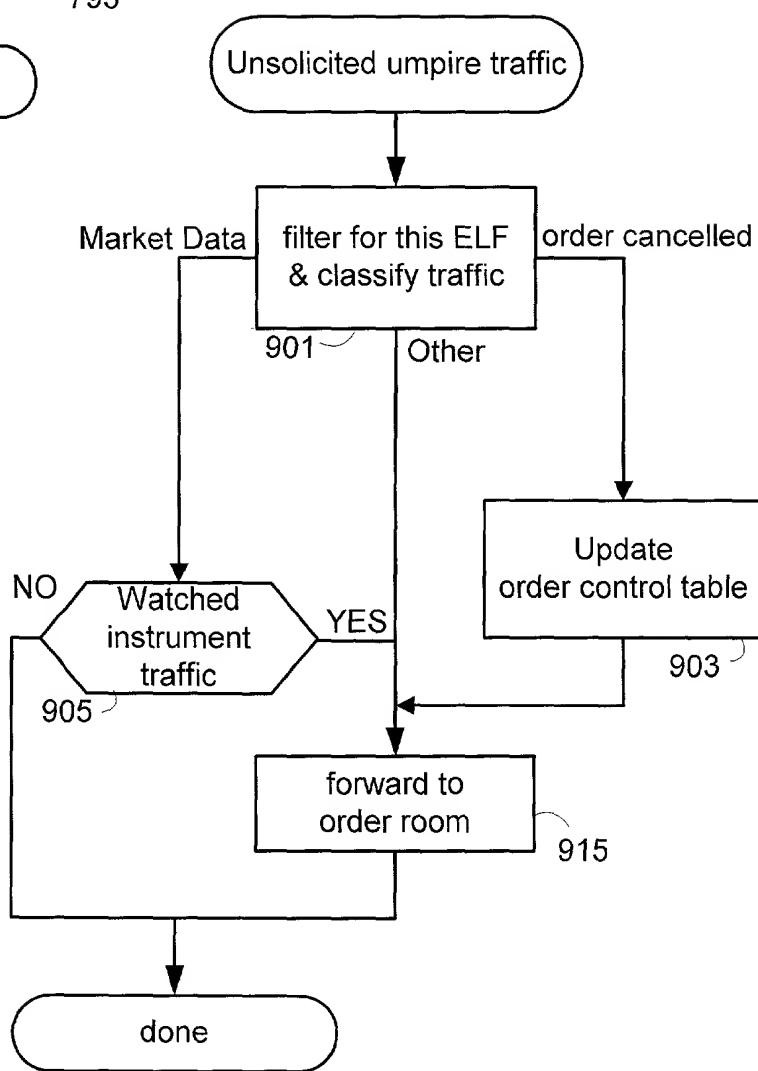


FIG. 41

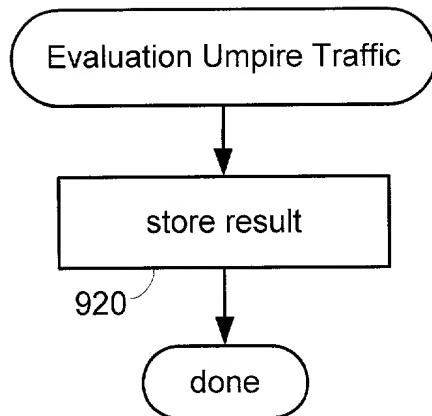


FIG. 42

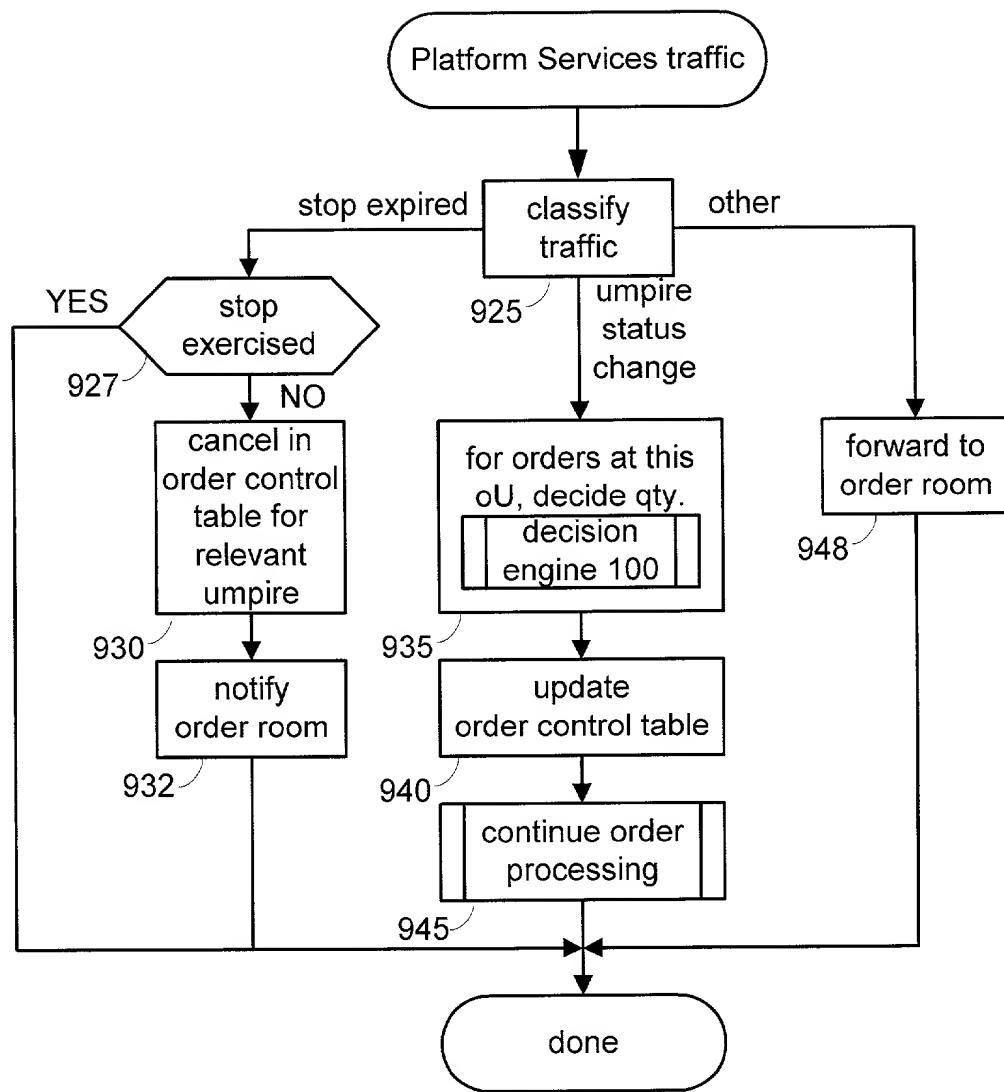


FIG. 43

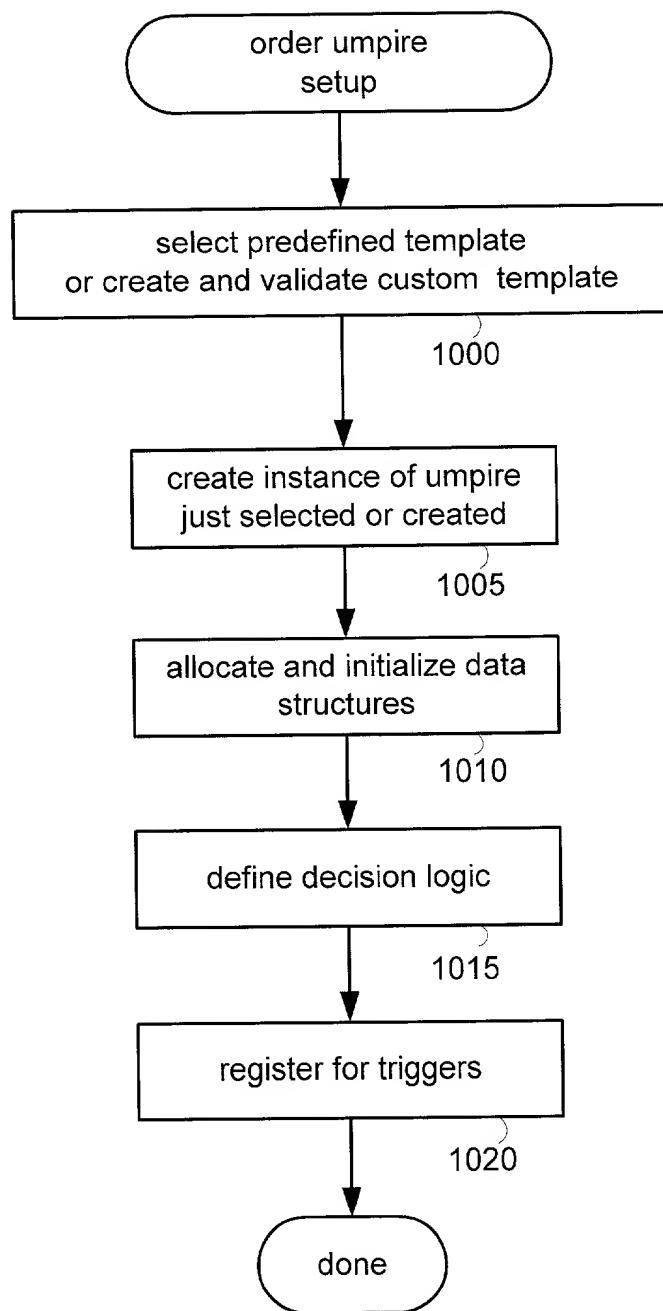


FIG. 44

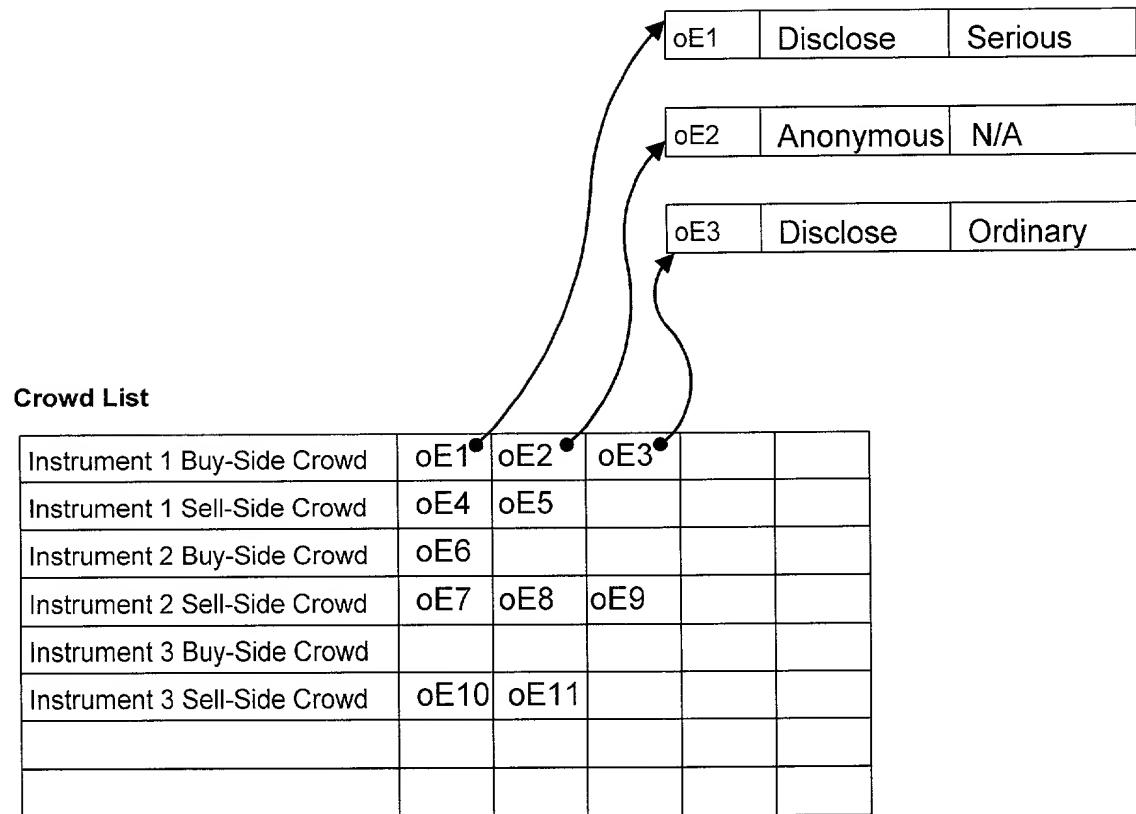


FIG. 45

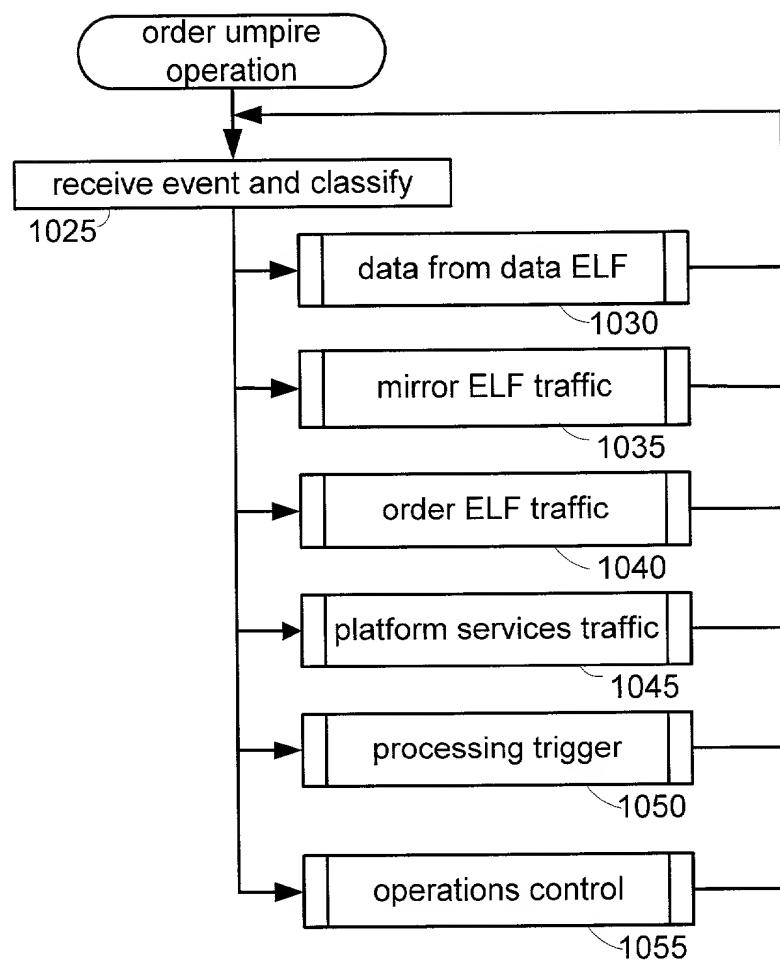


FIG. 46

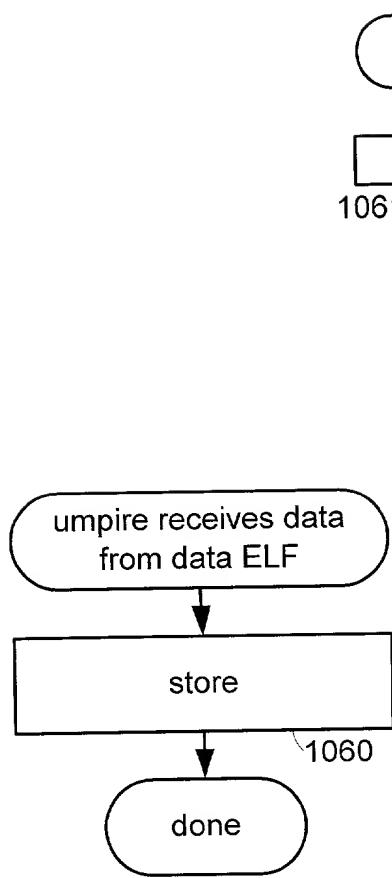


FIG. 47

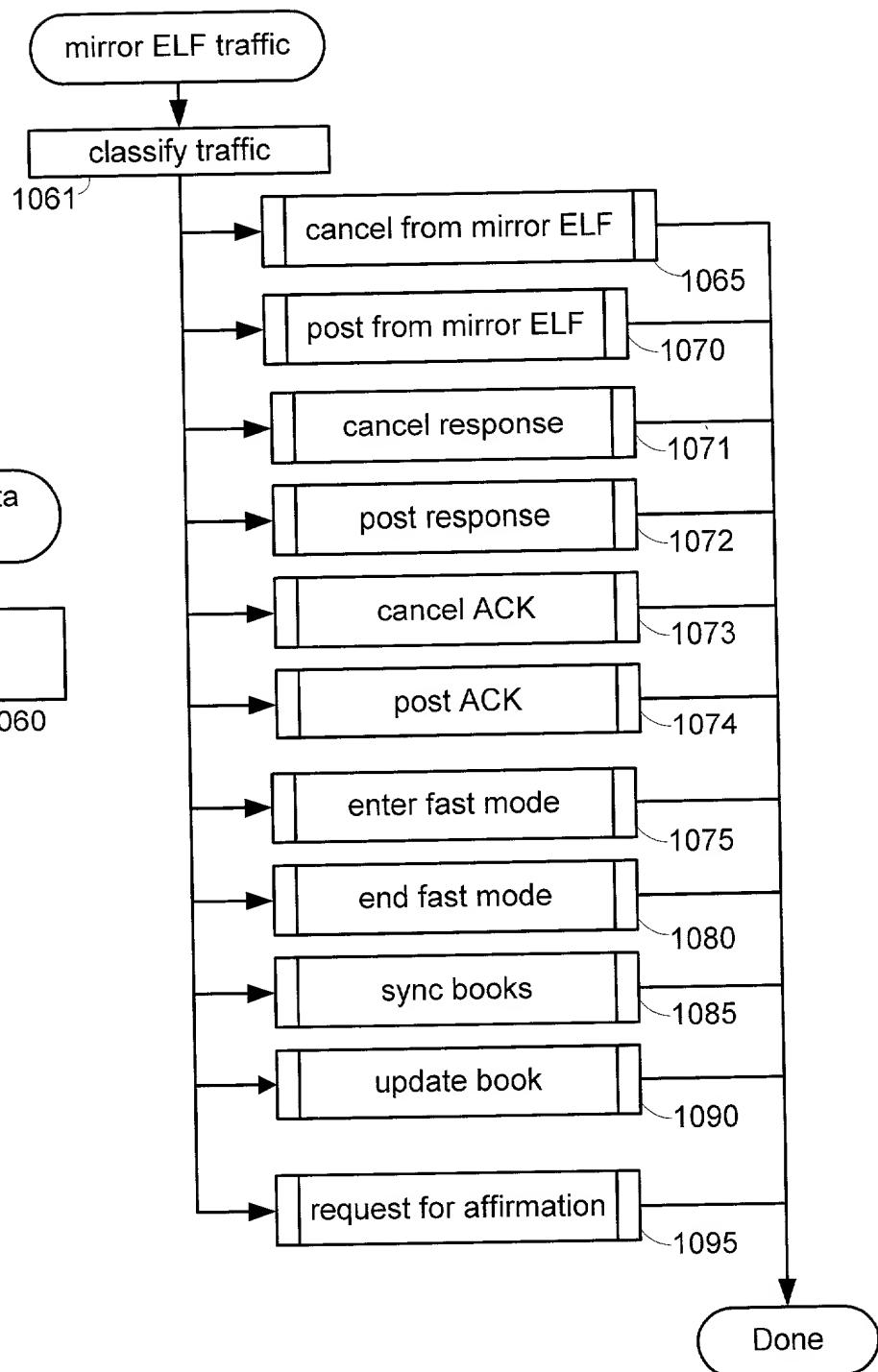


FIG. 48

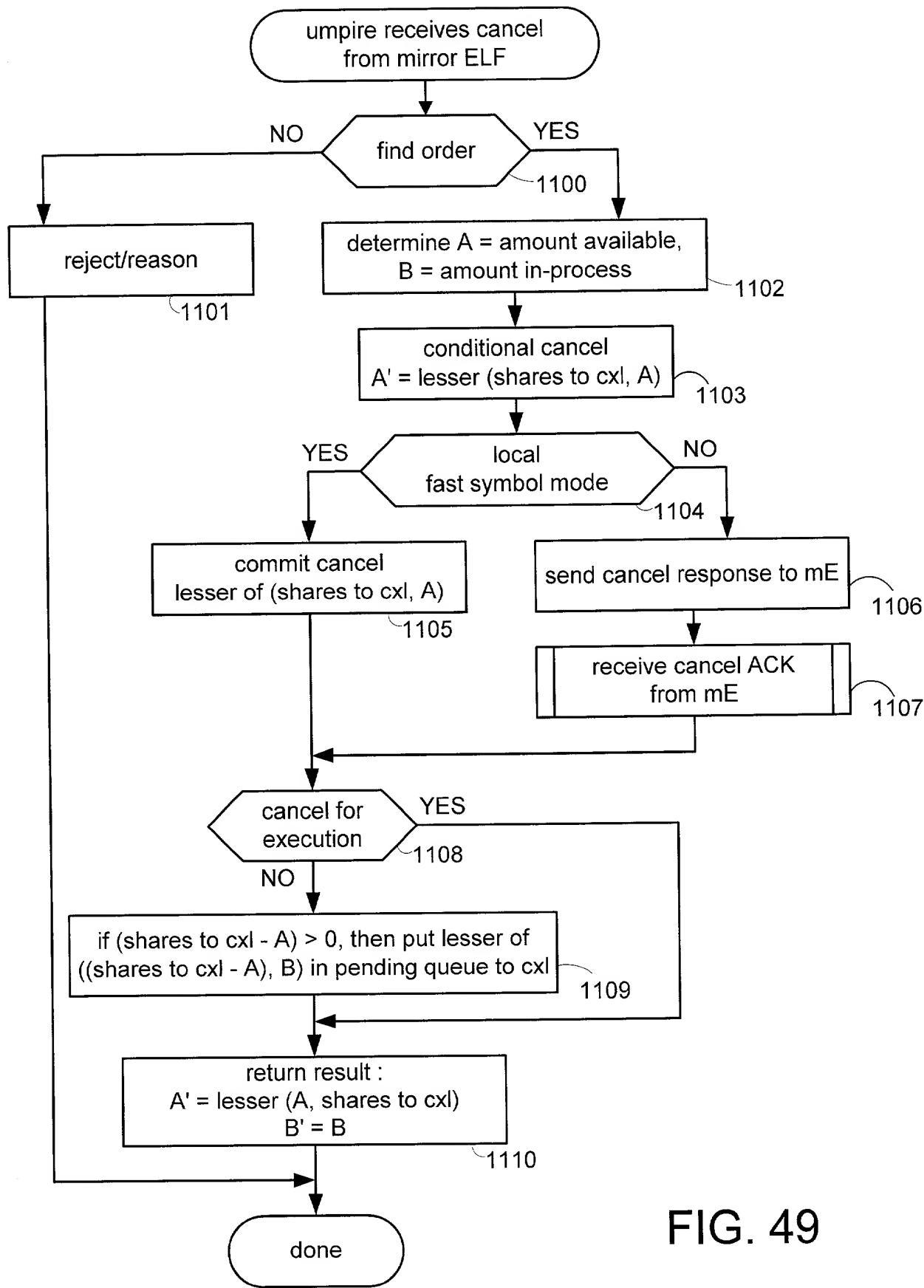


FIG. 49

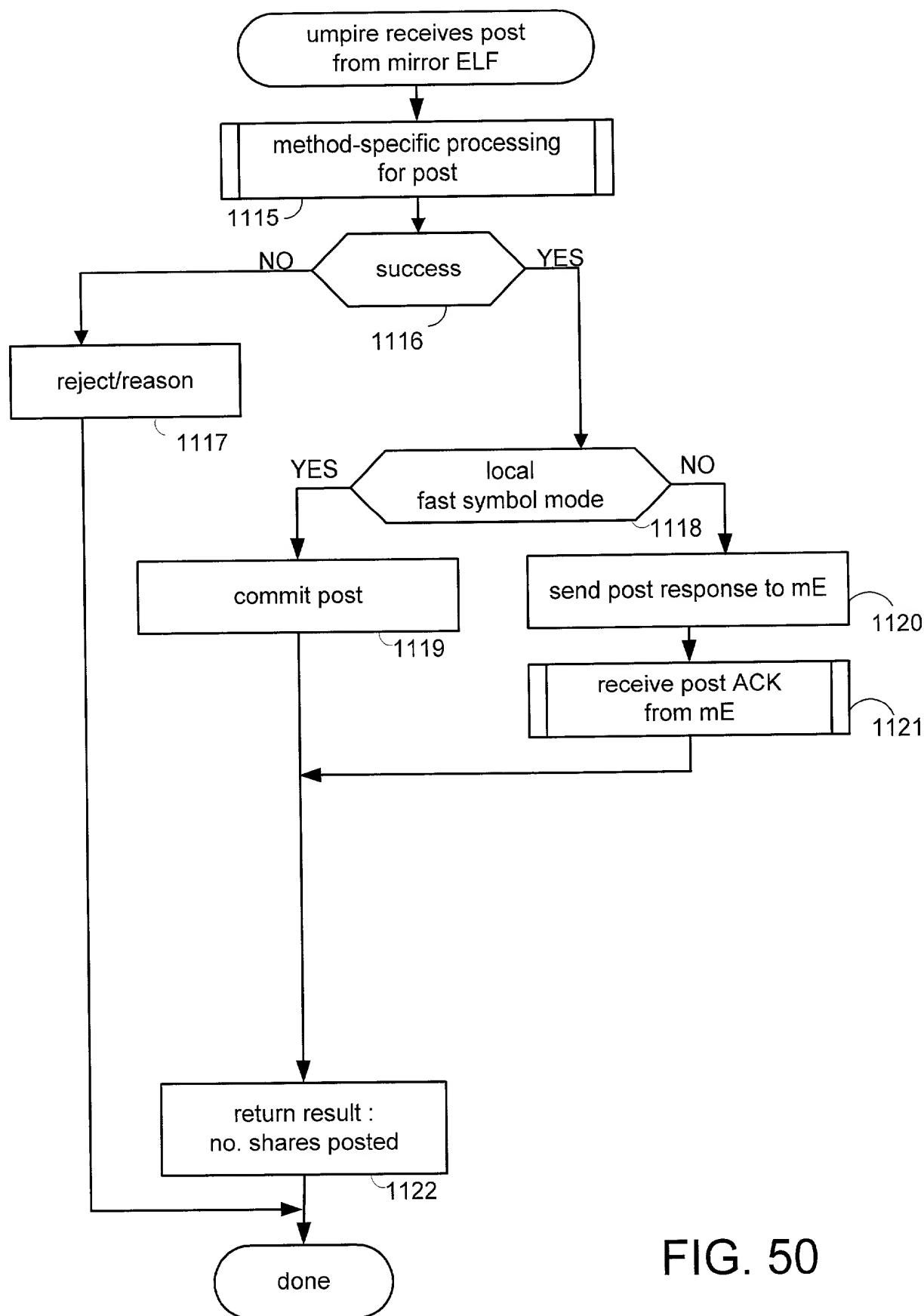


FIG. 50

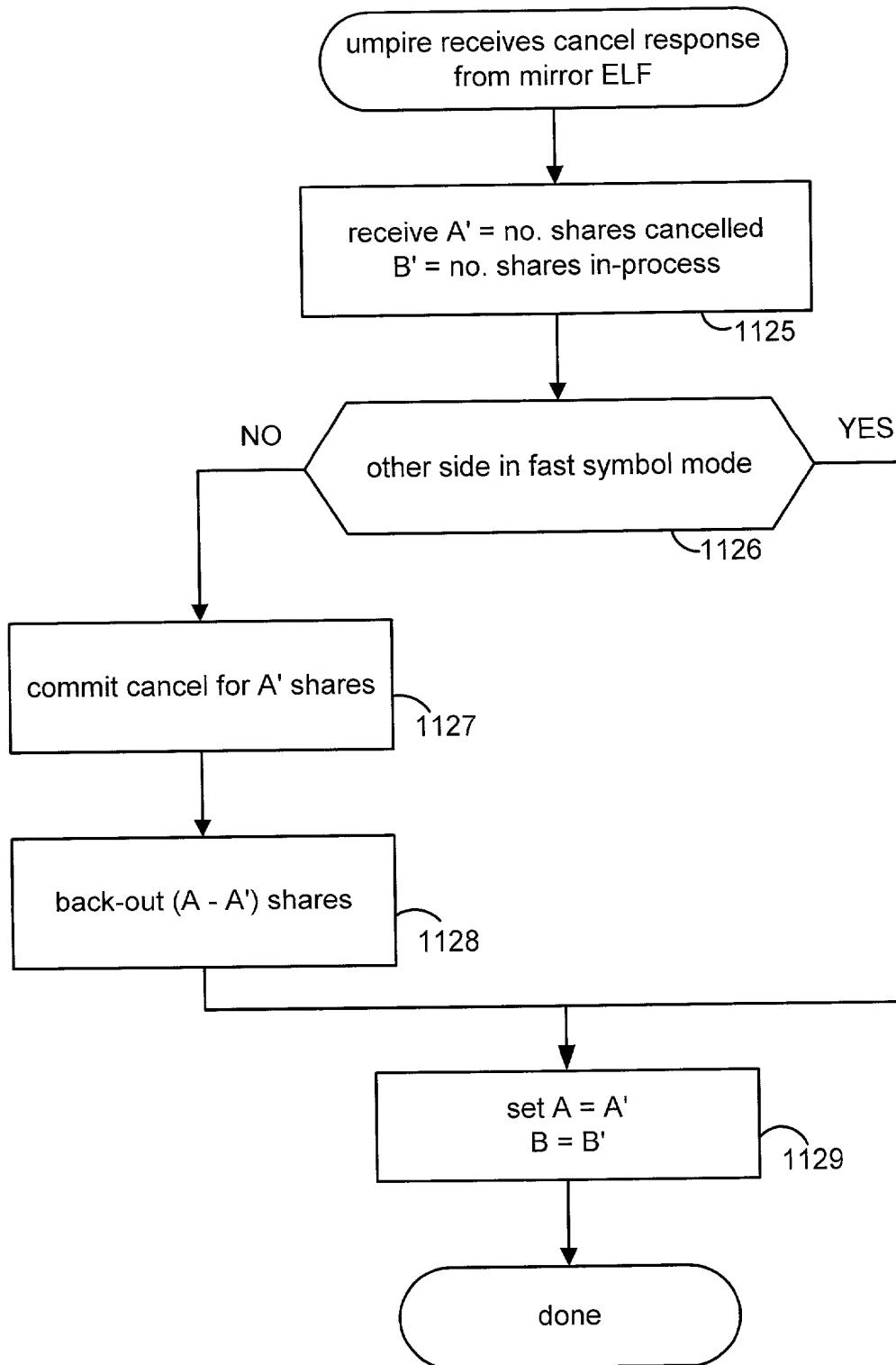


FIG. 51

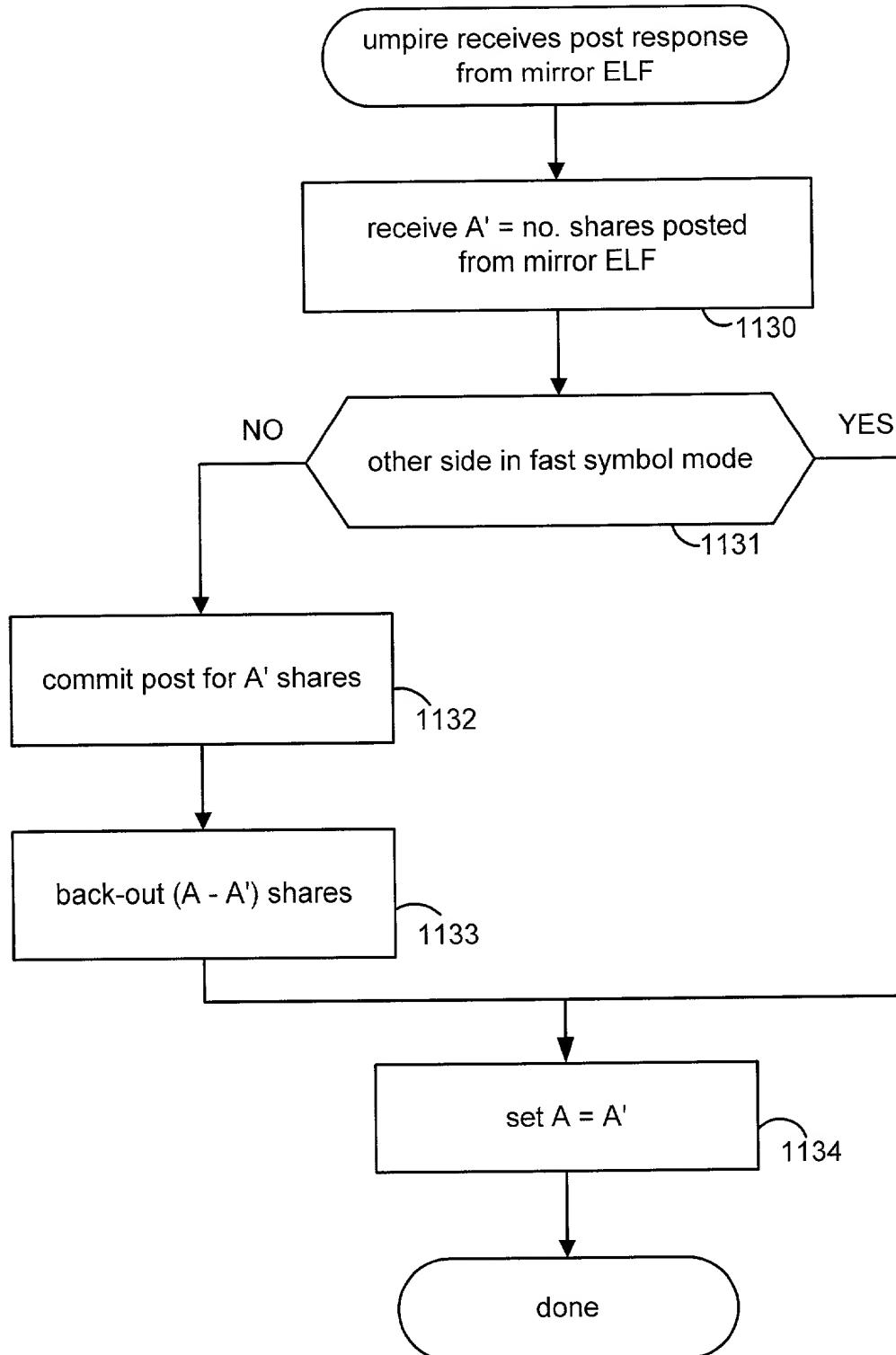


FIG. 52

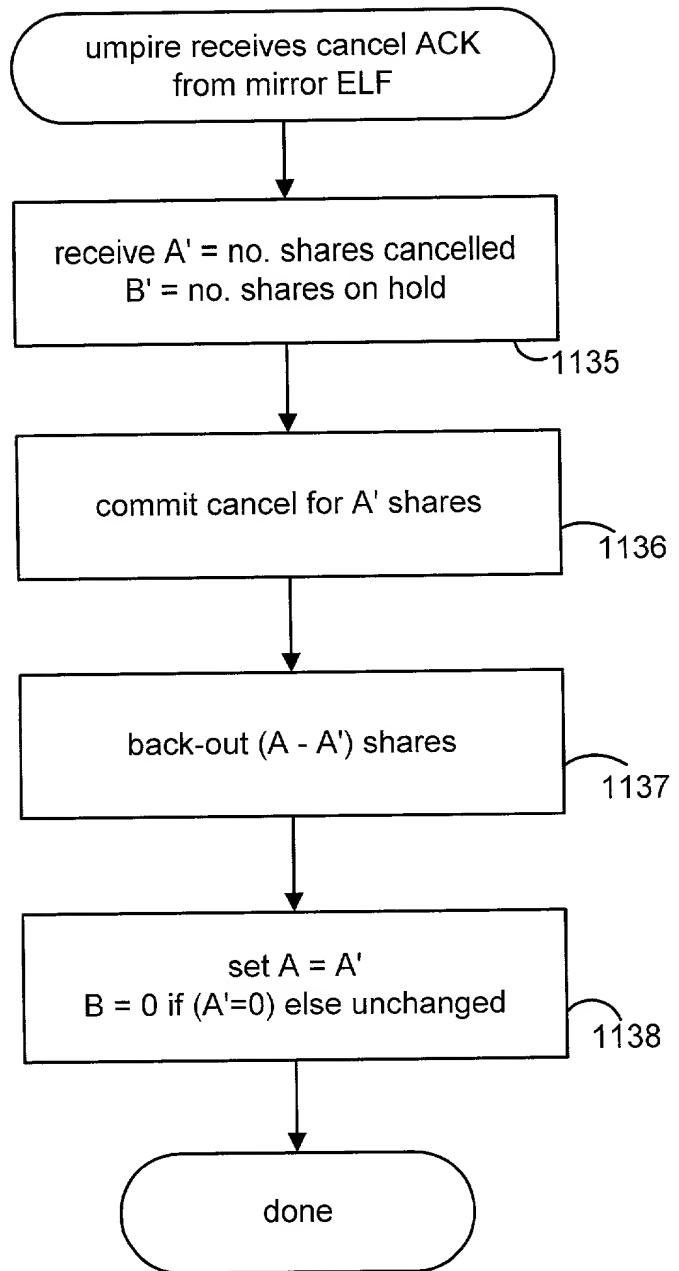


FIG. 53

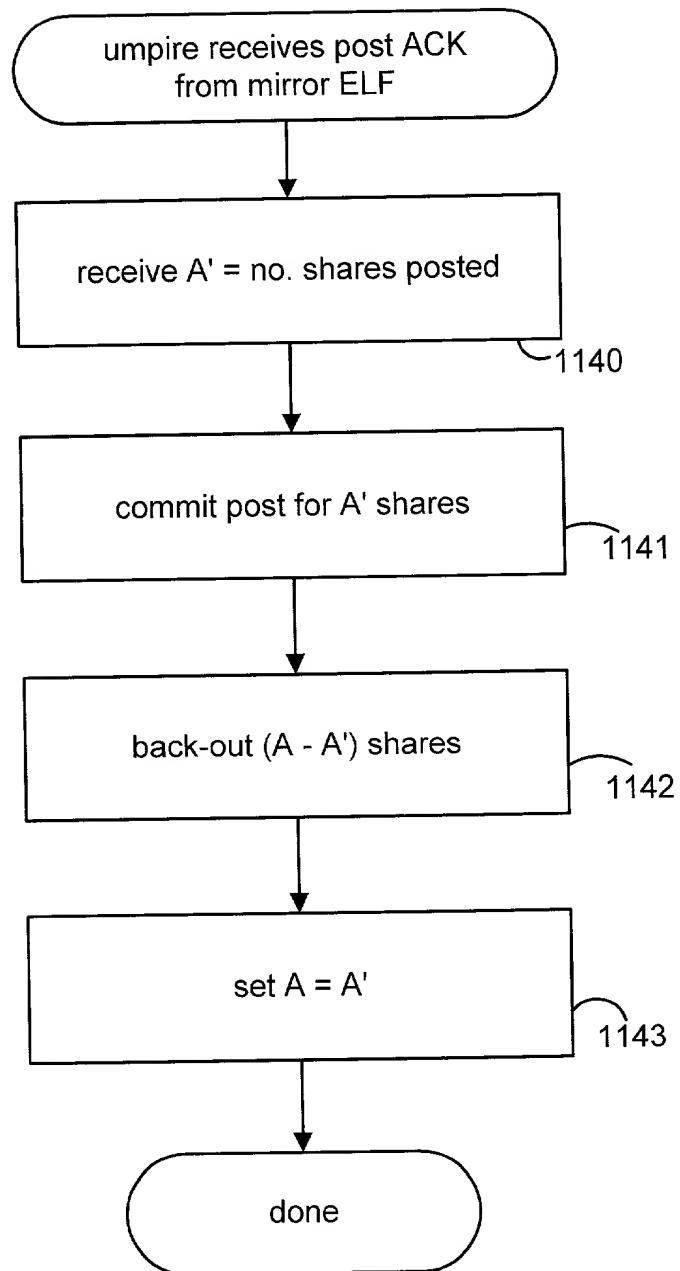


FIG. 54

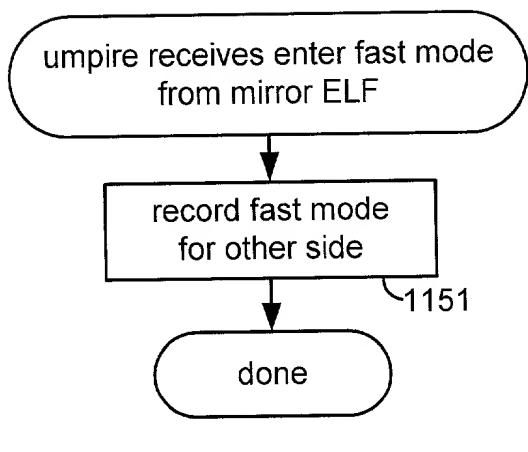


FIG. 55A

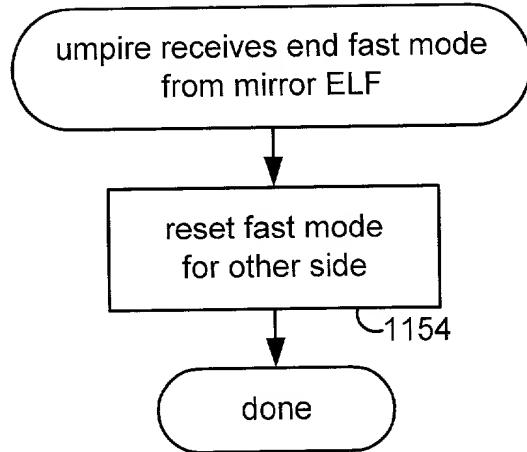


FIG. 55B

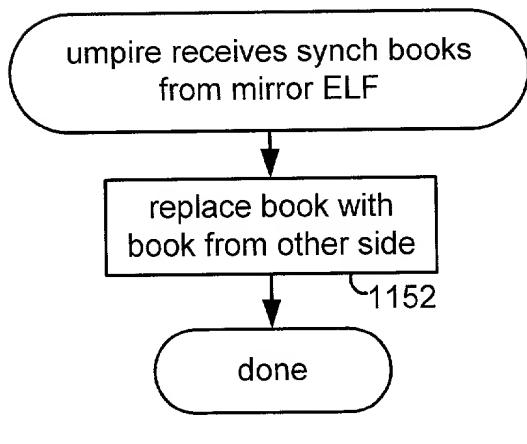


FIG. 56

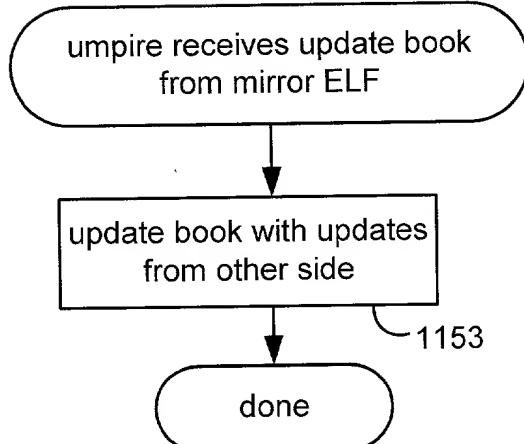


FIG. 57

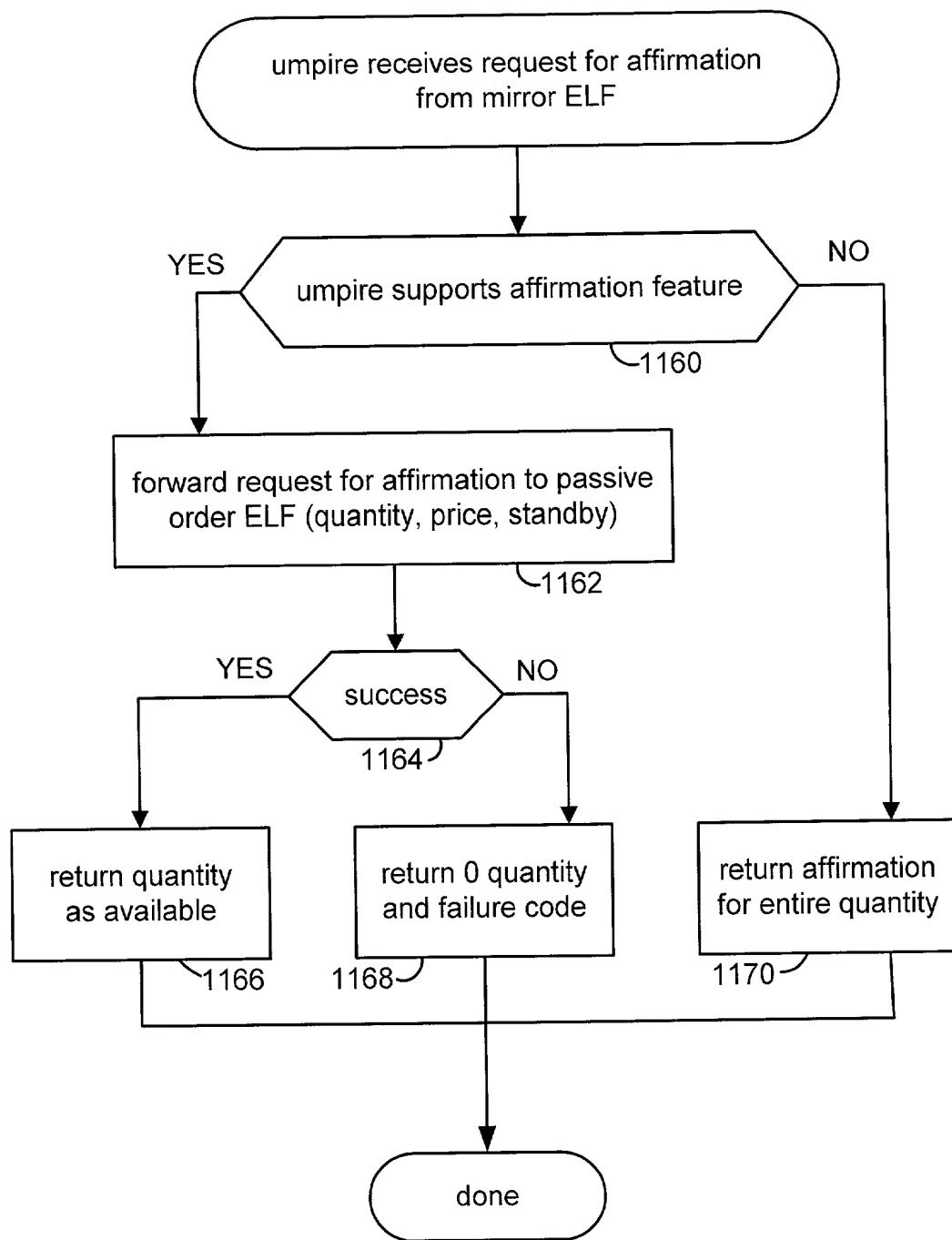


FIG. 58

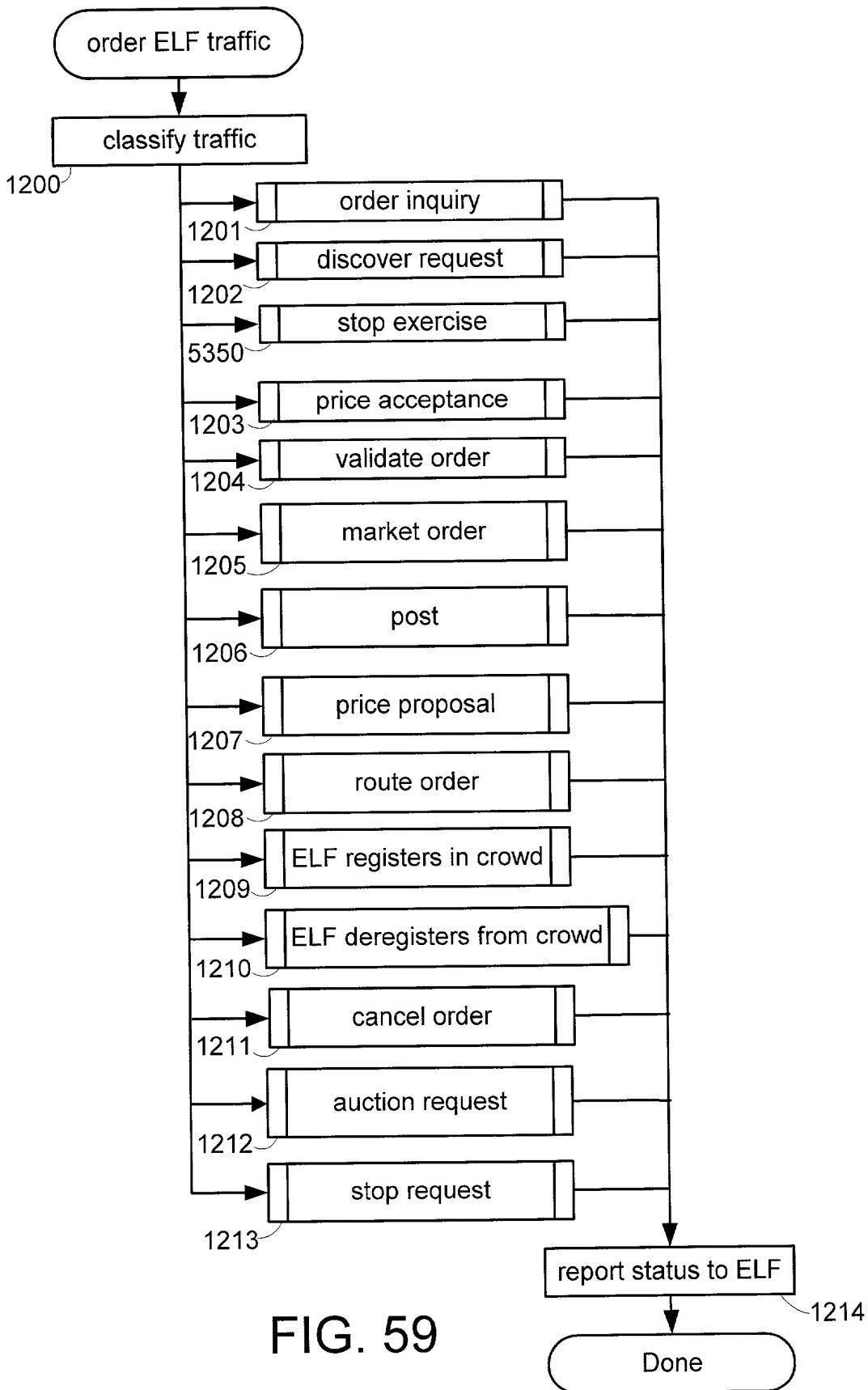


FIG. 59

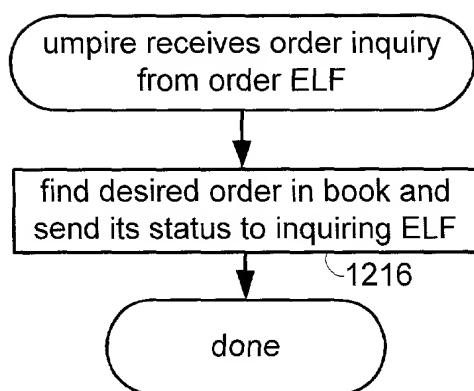


FIG. 60

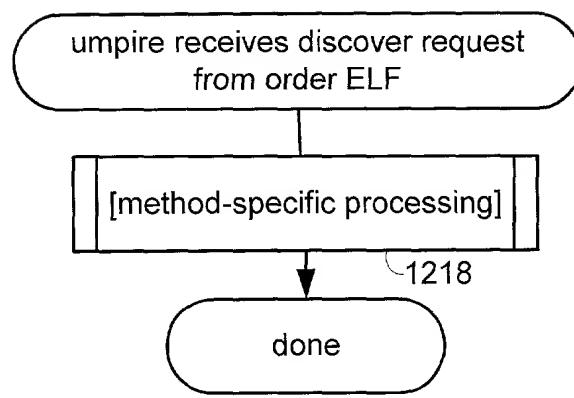


FIG. 61

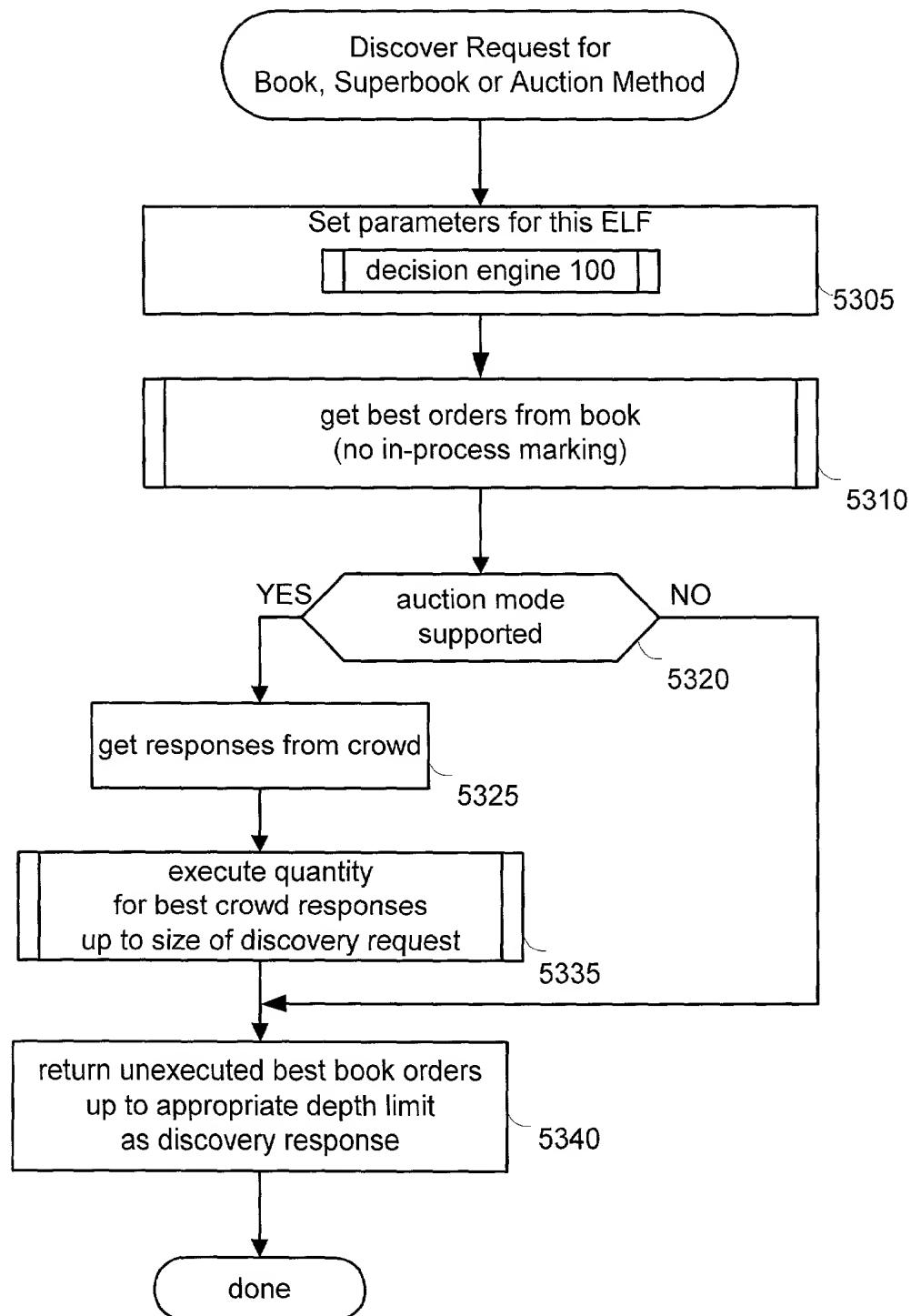


FIG. 62

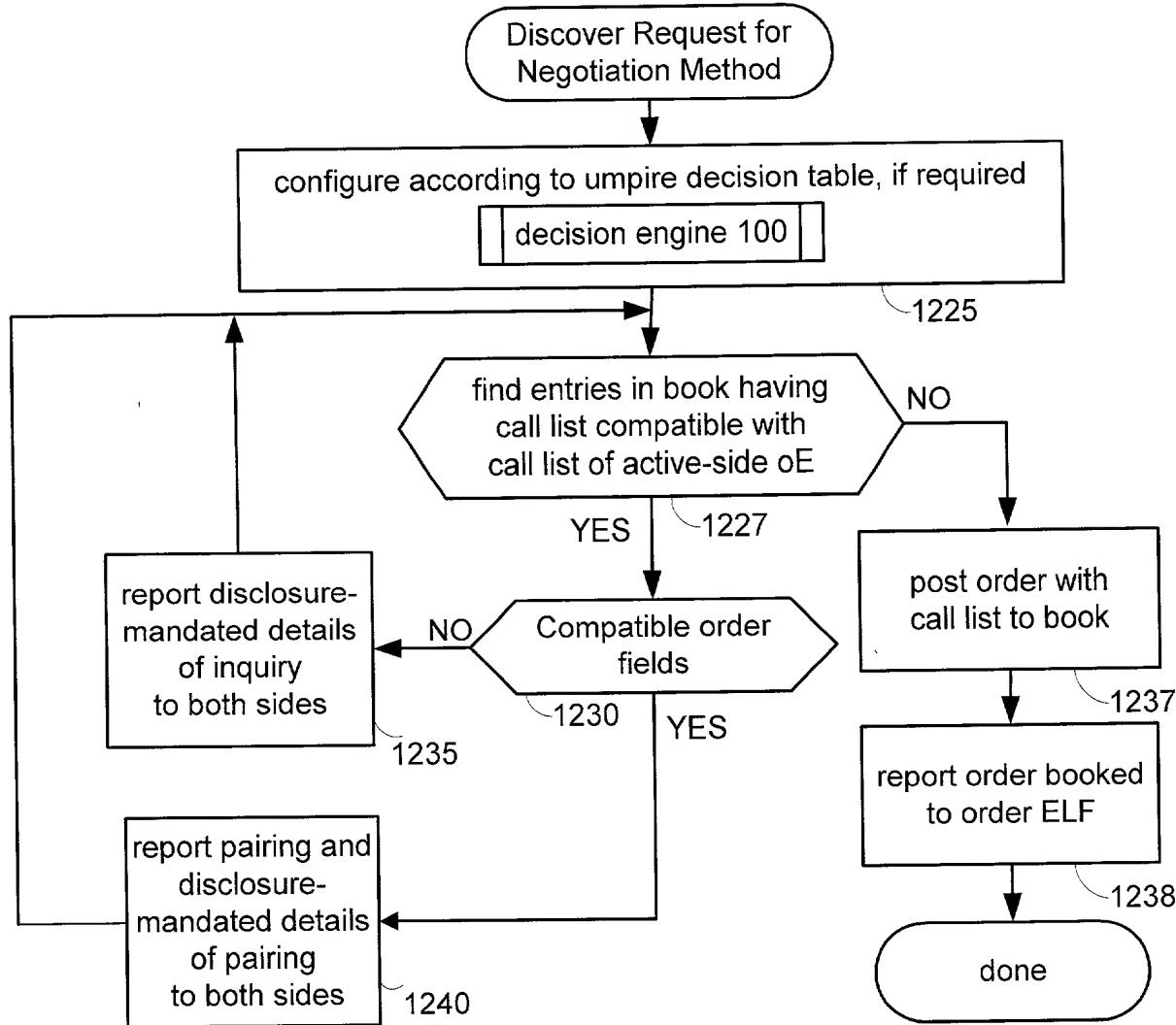


FIG. 63

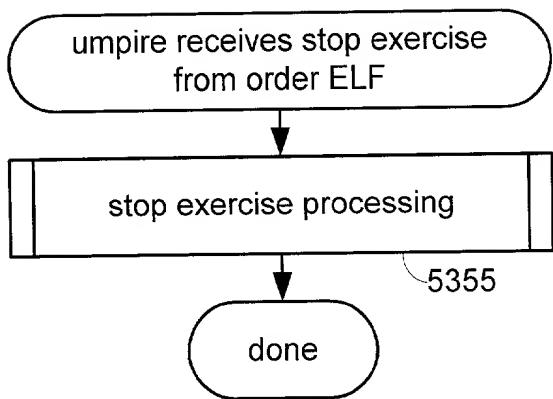


FIG. 64A

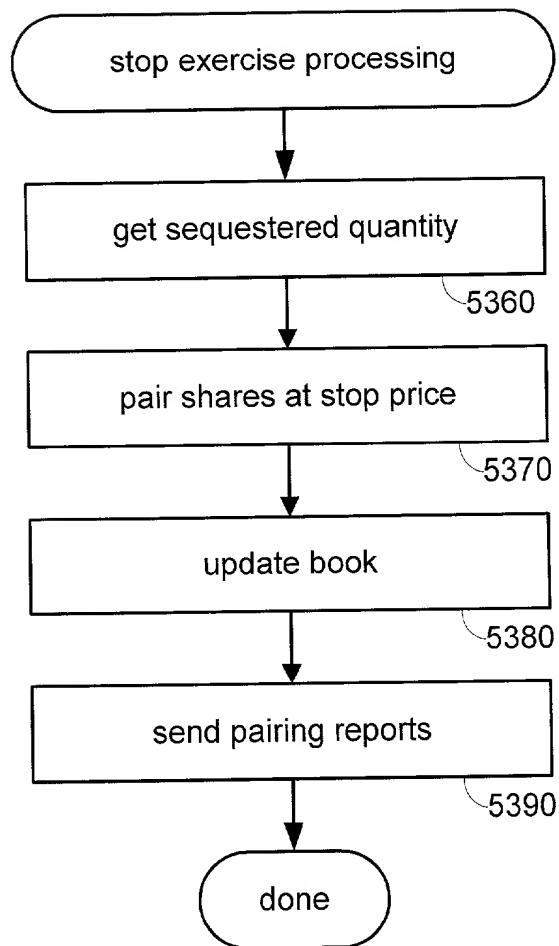


FIG. 64B

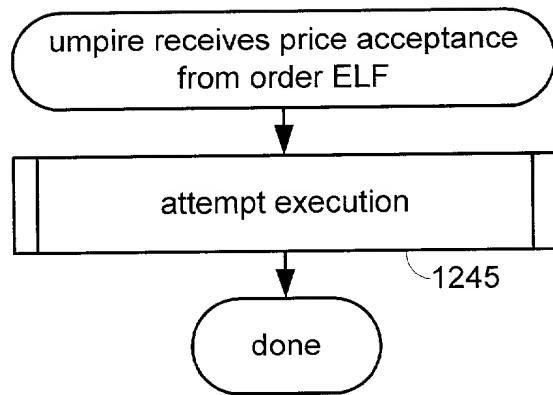


FIG. 64C

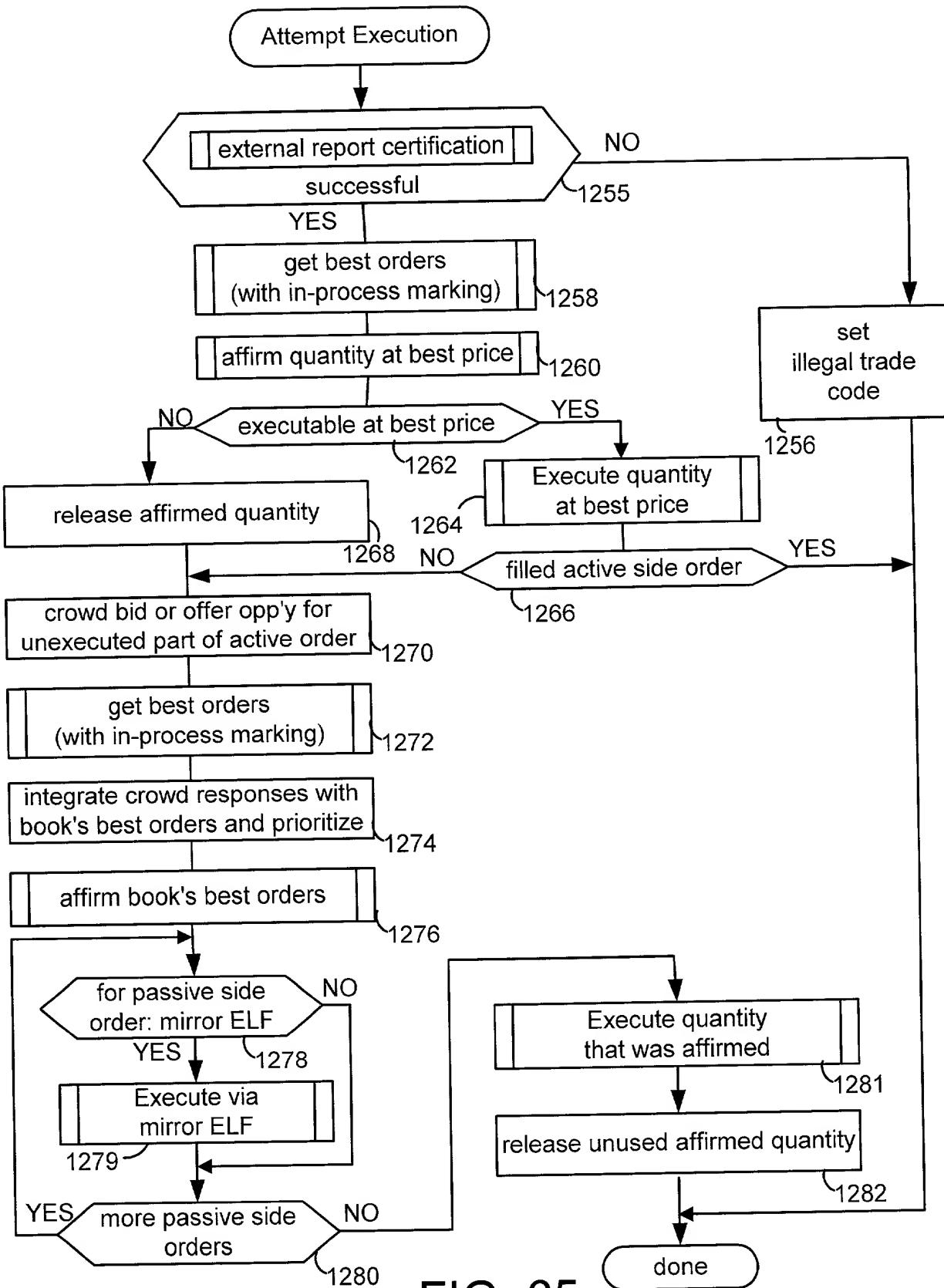


FIG. 65

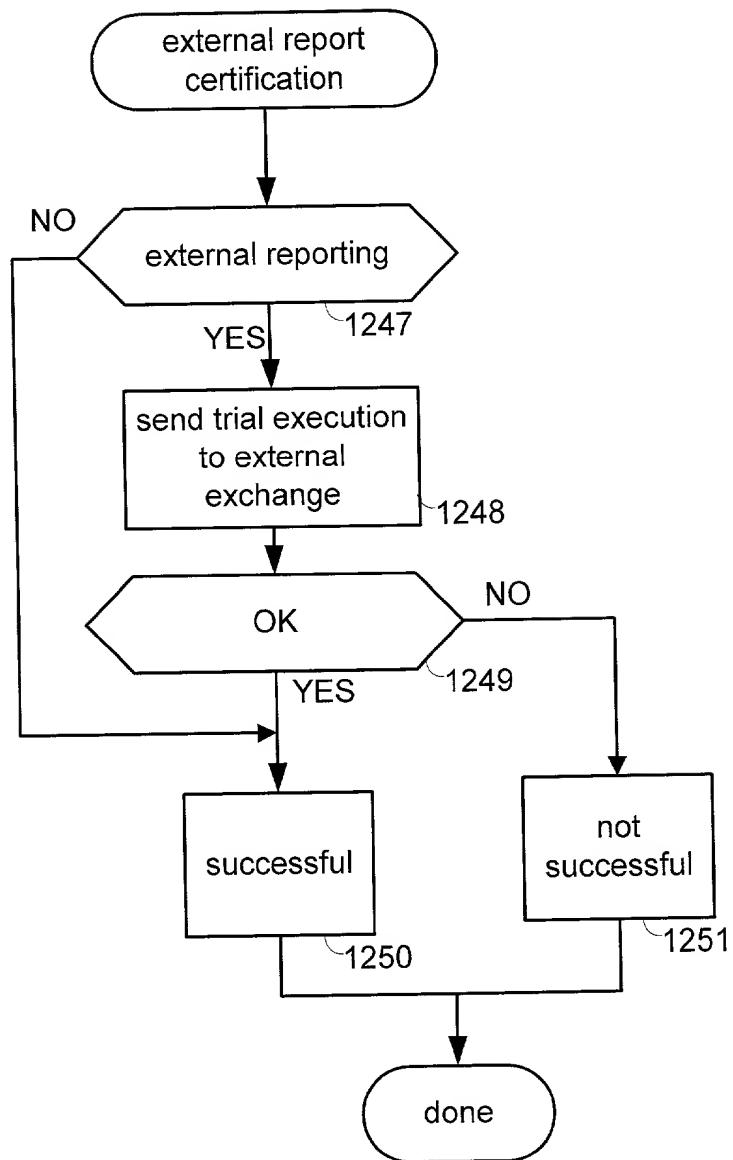


FIG. 66

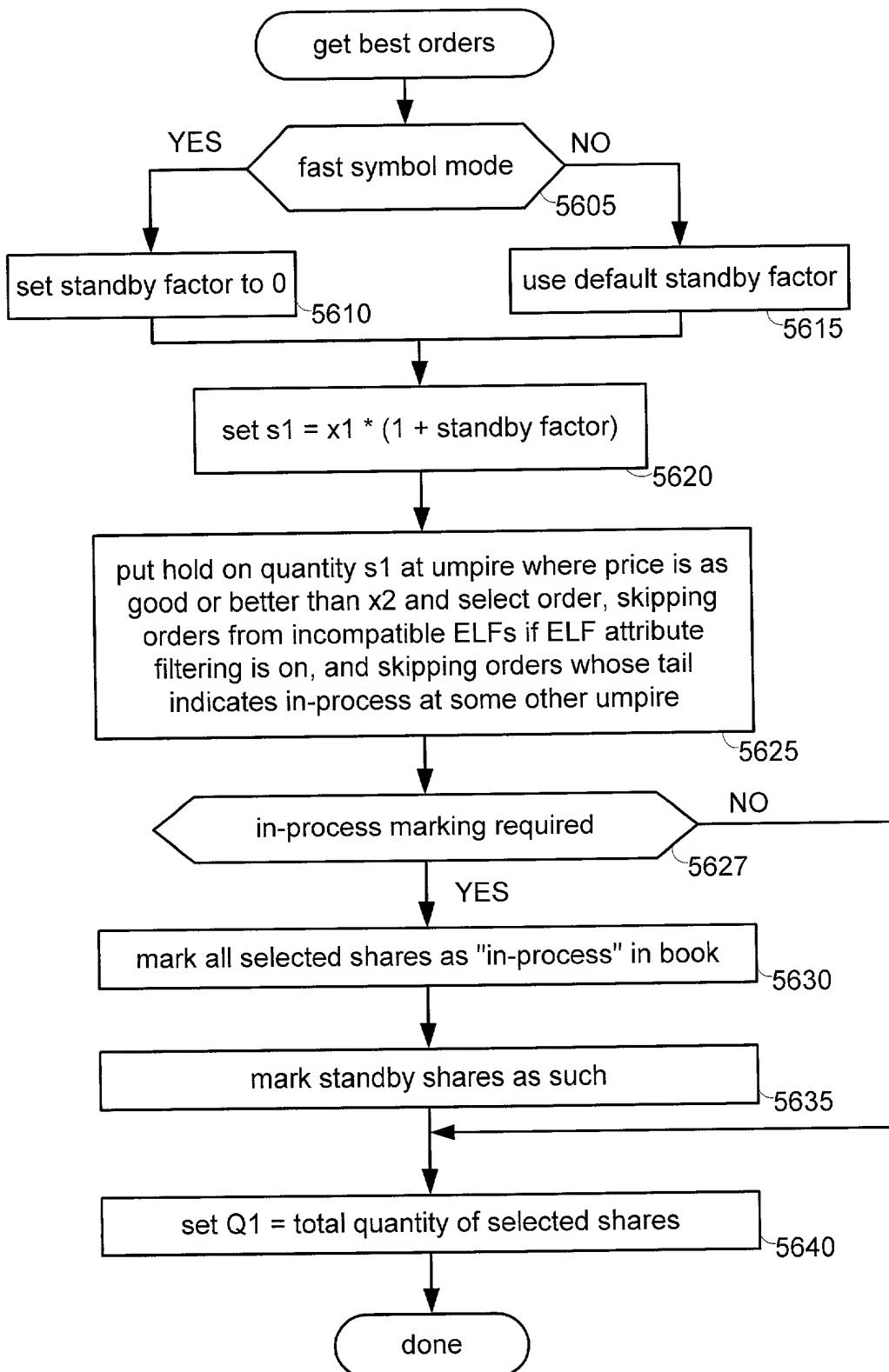


FIG. 67

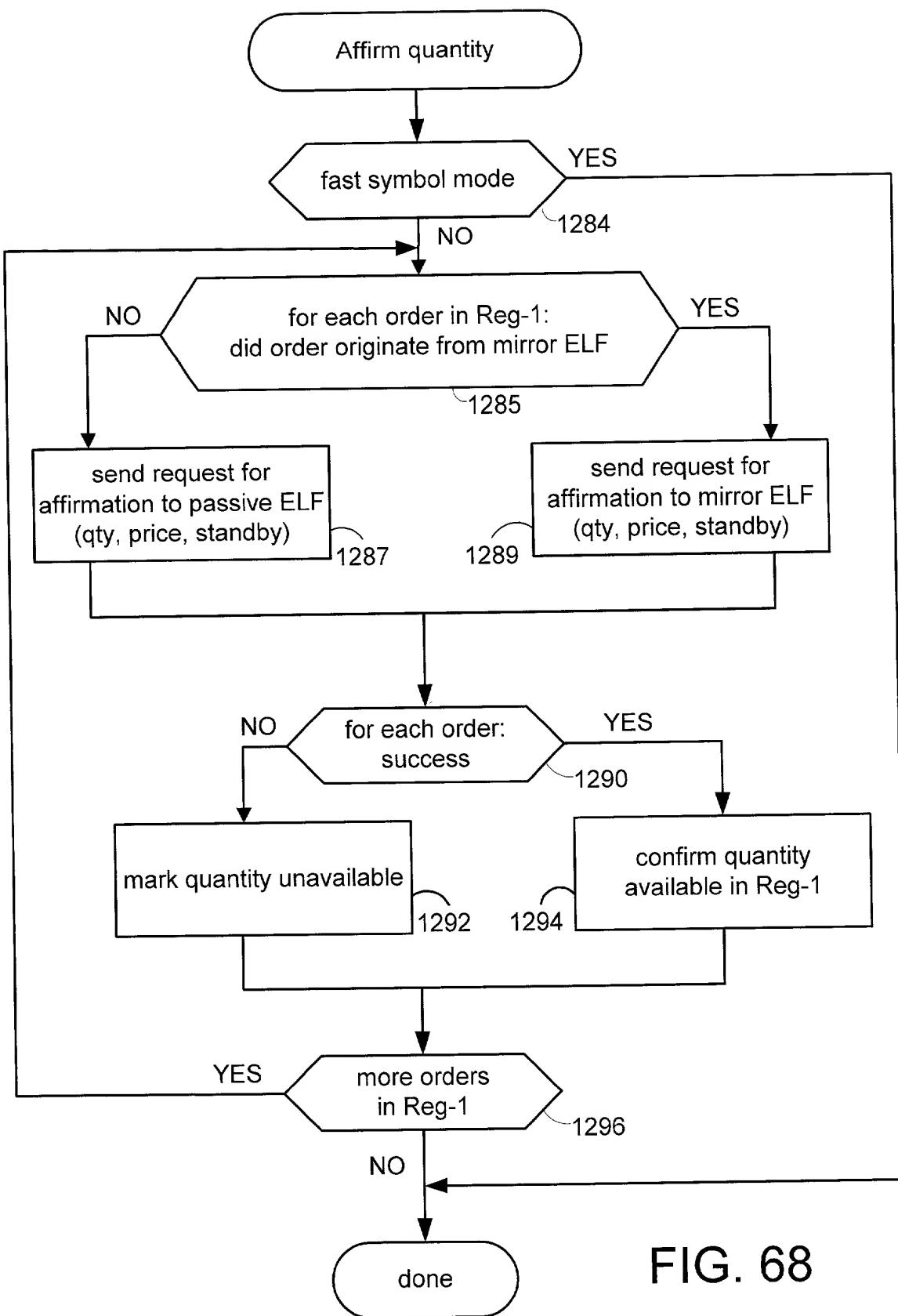
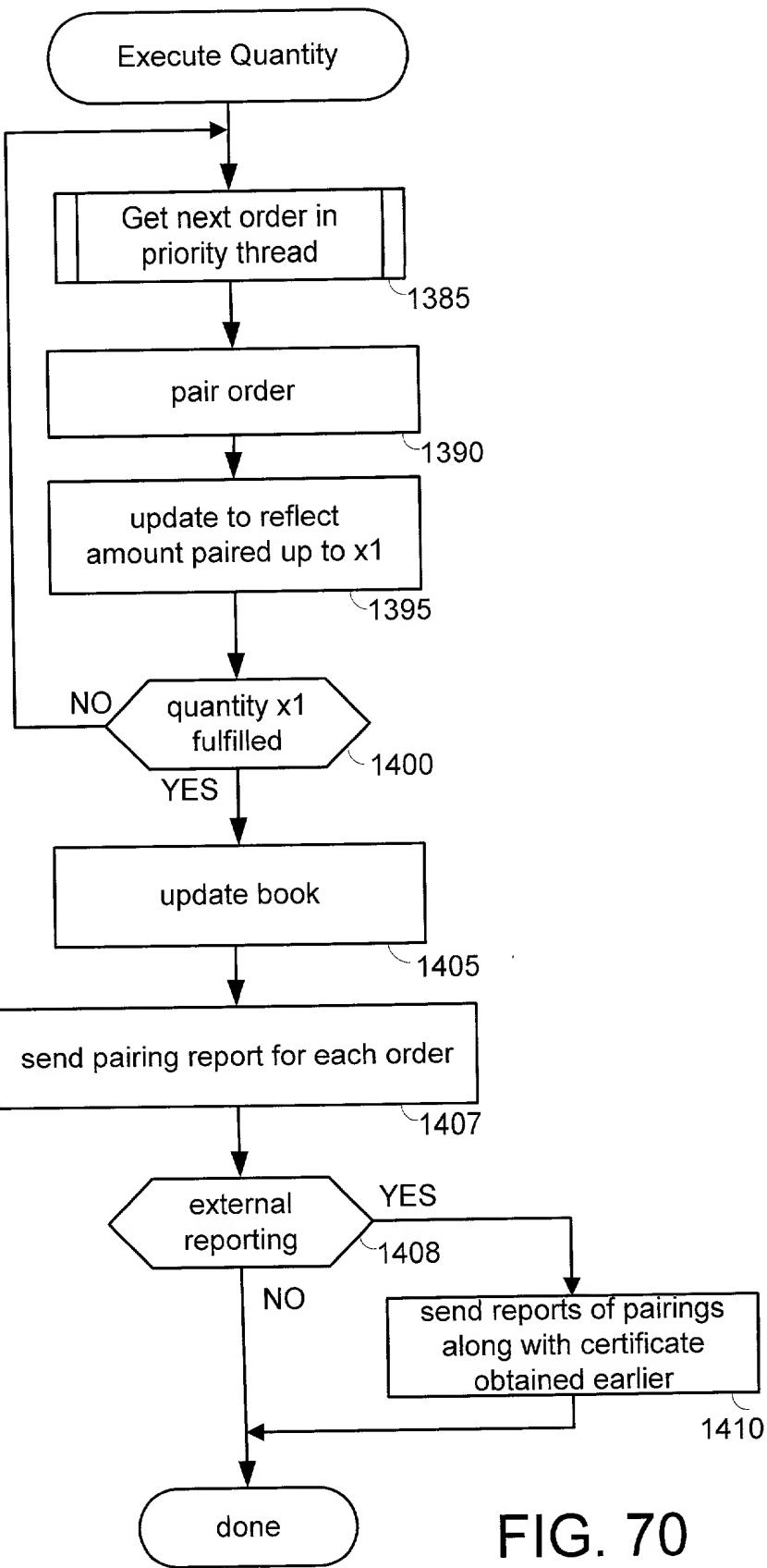
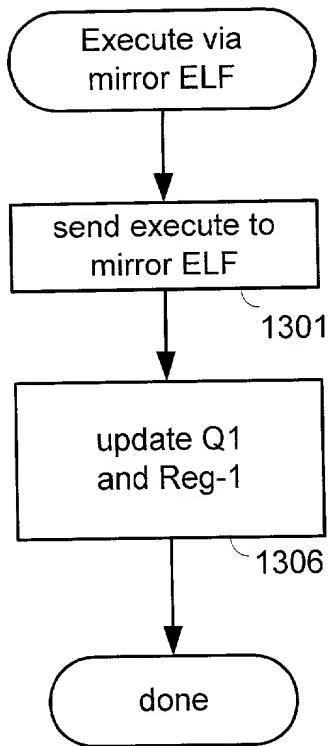


FIG. 68



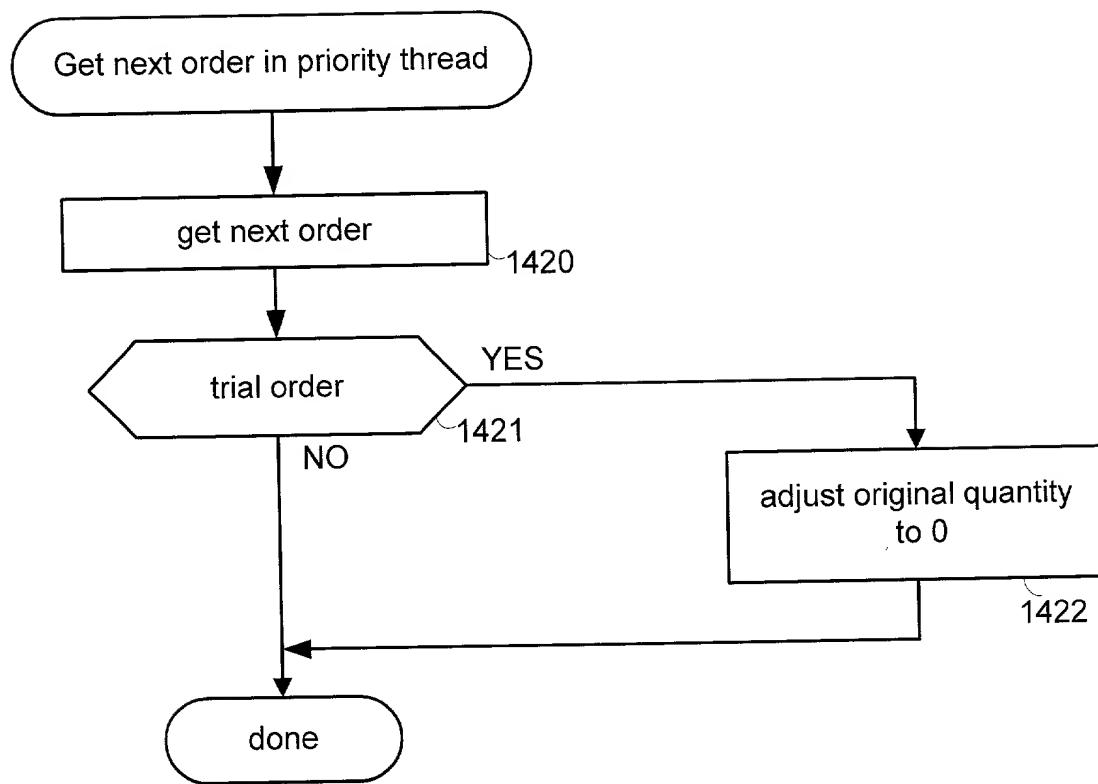


FIG. 71

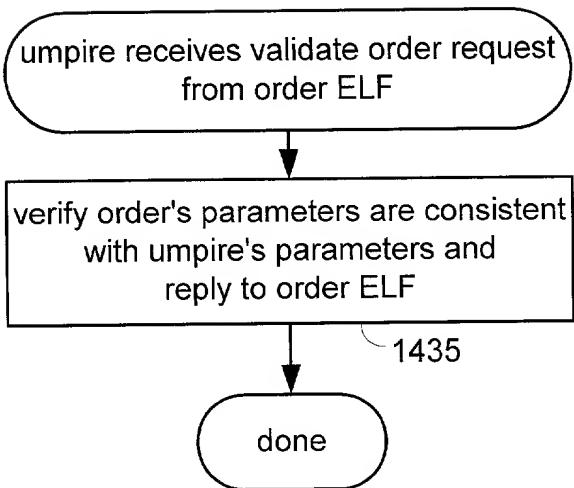


FIG. 72

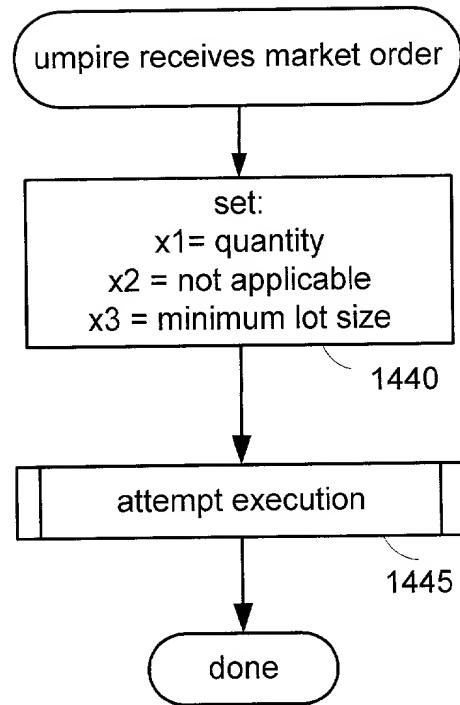


FIG. 73

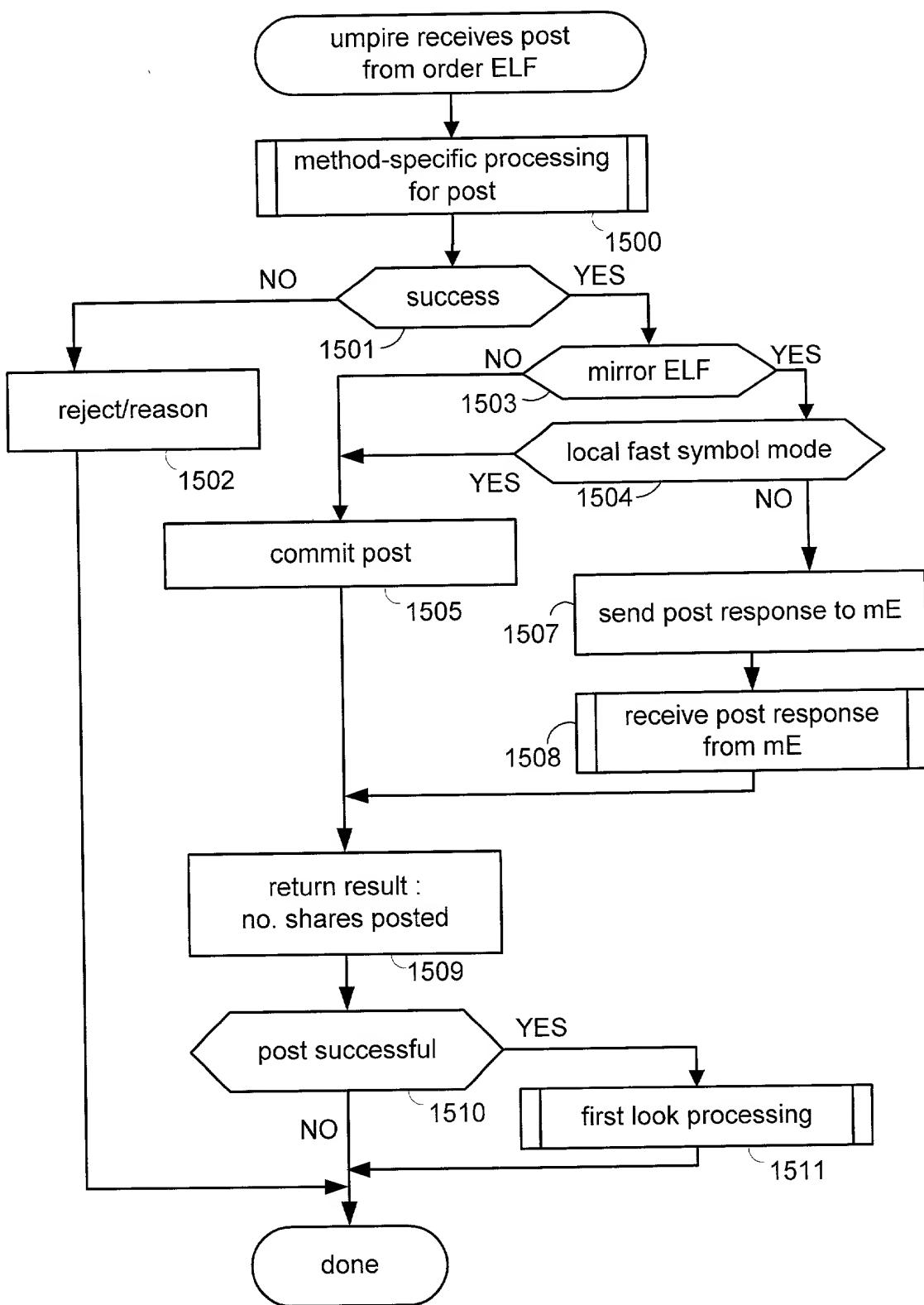


FIG. 74

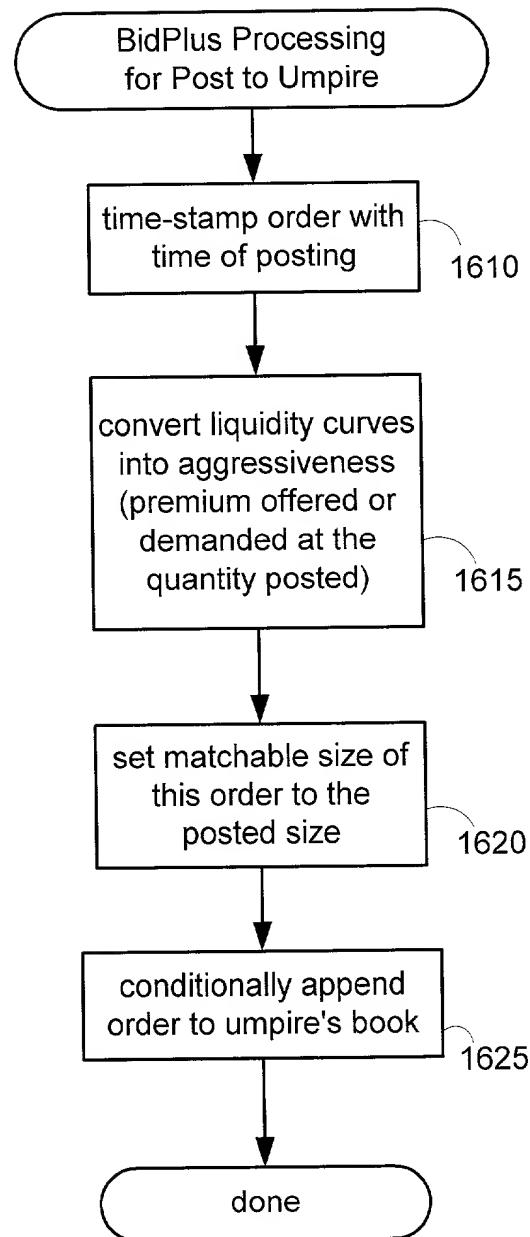


FIG. 75

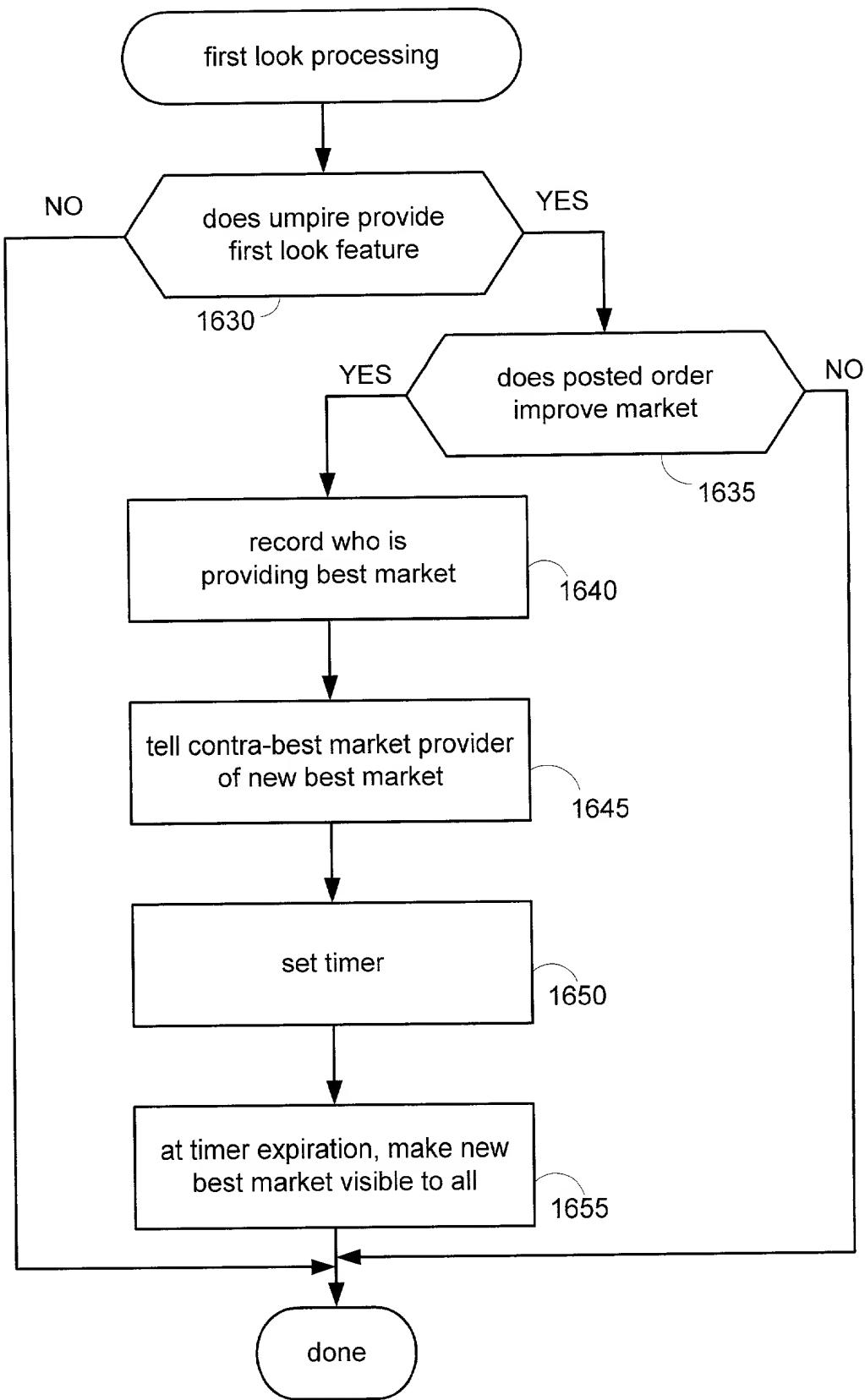


FIG. 76

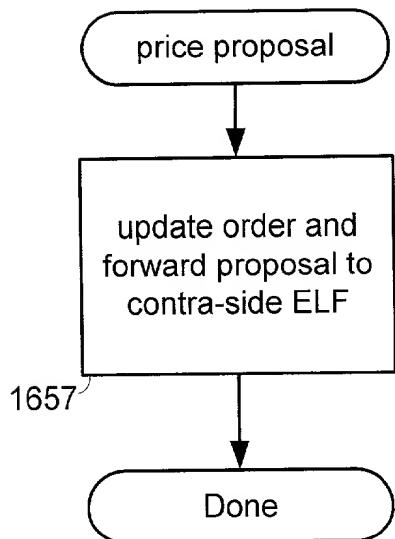


FIG. 77

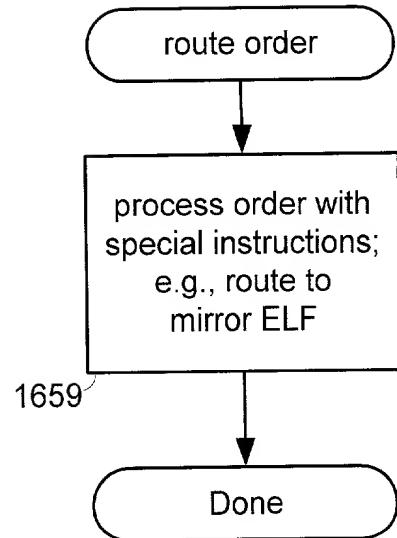


FIG. 78

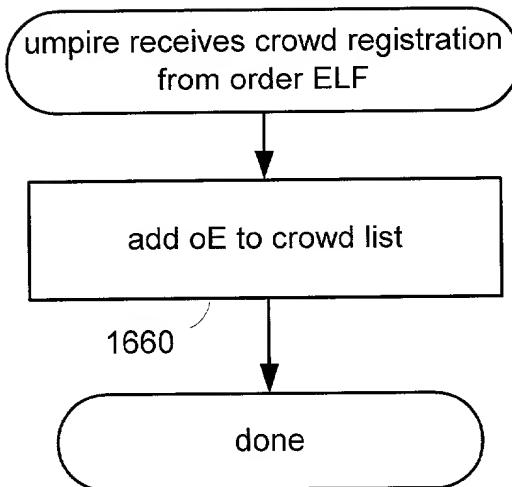


FIG. 79

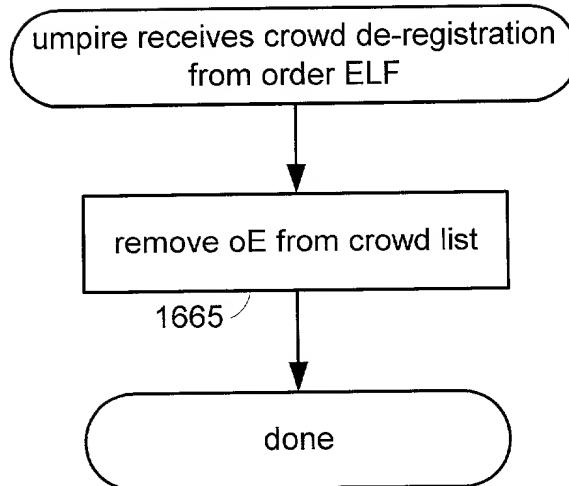


FIG. 80

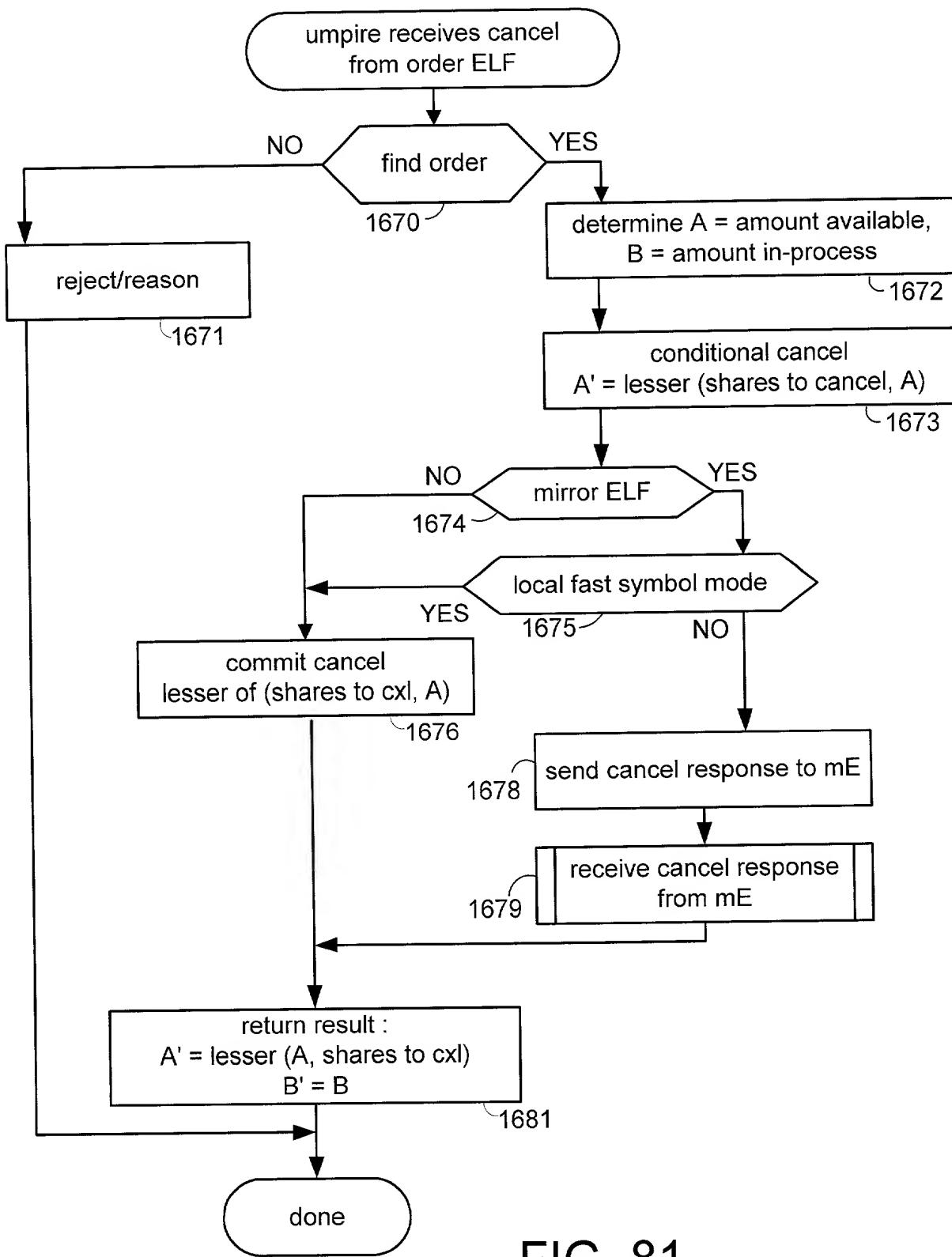


FIG. 81

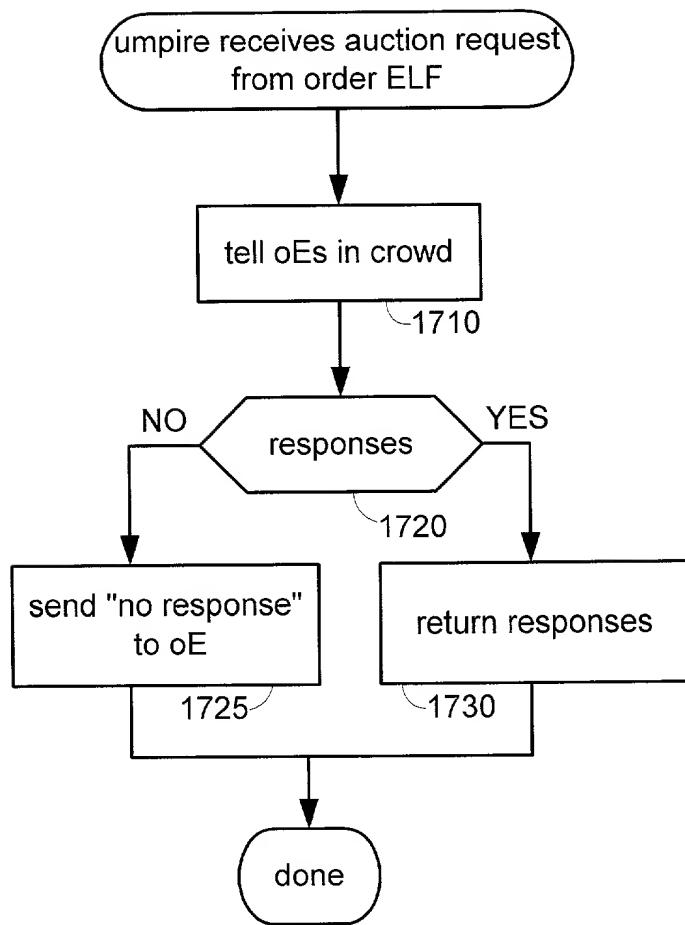


FIG. 82

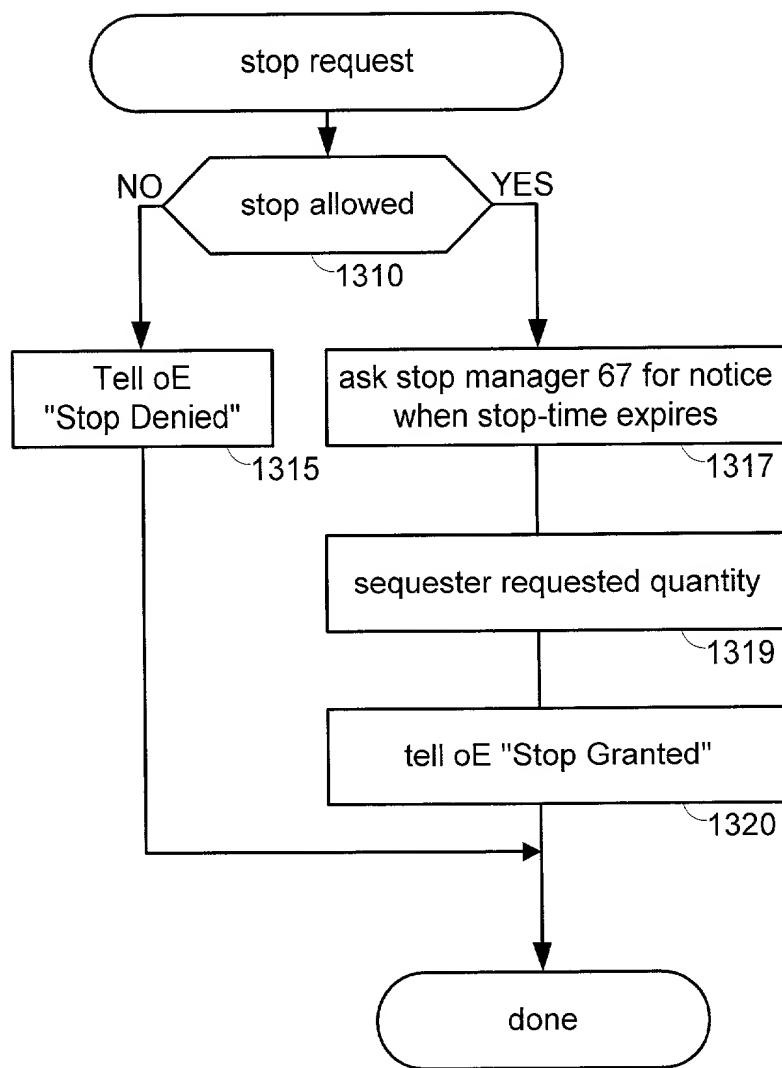


FIG. 83

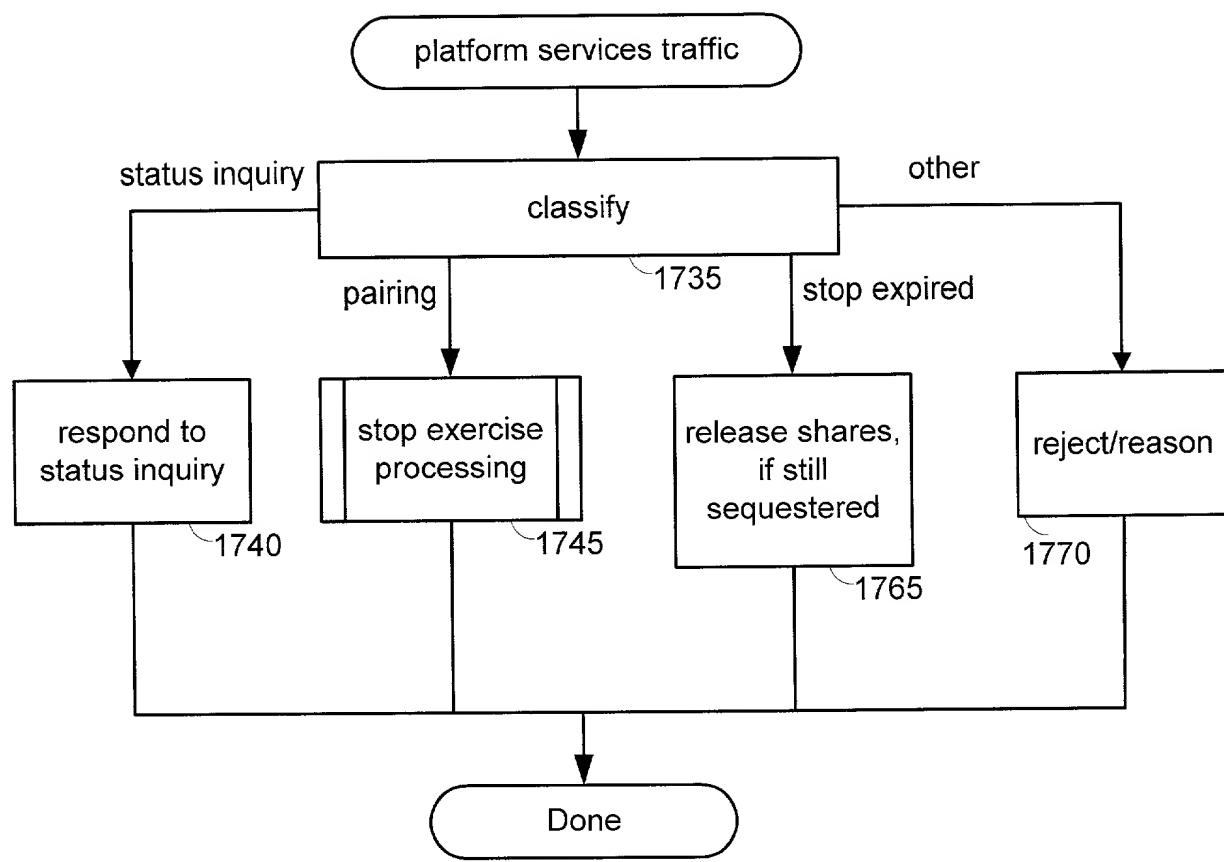


FIG. 84

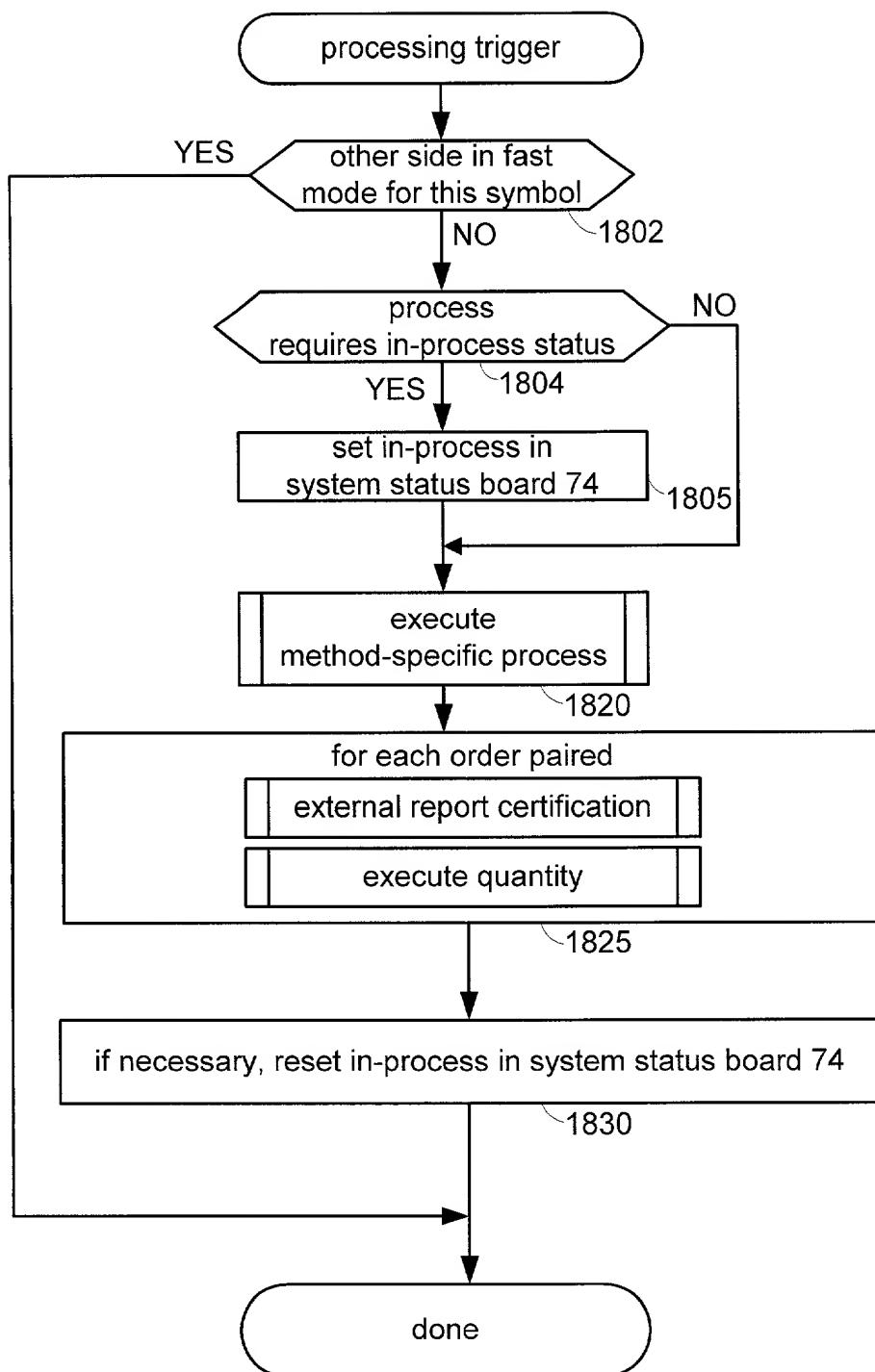


FIG. 85

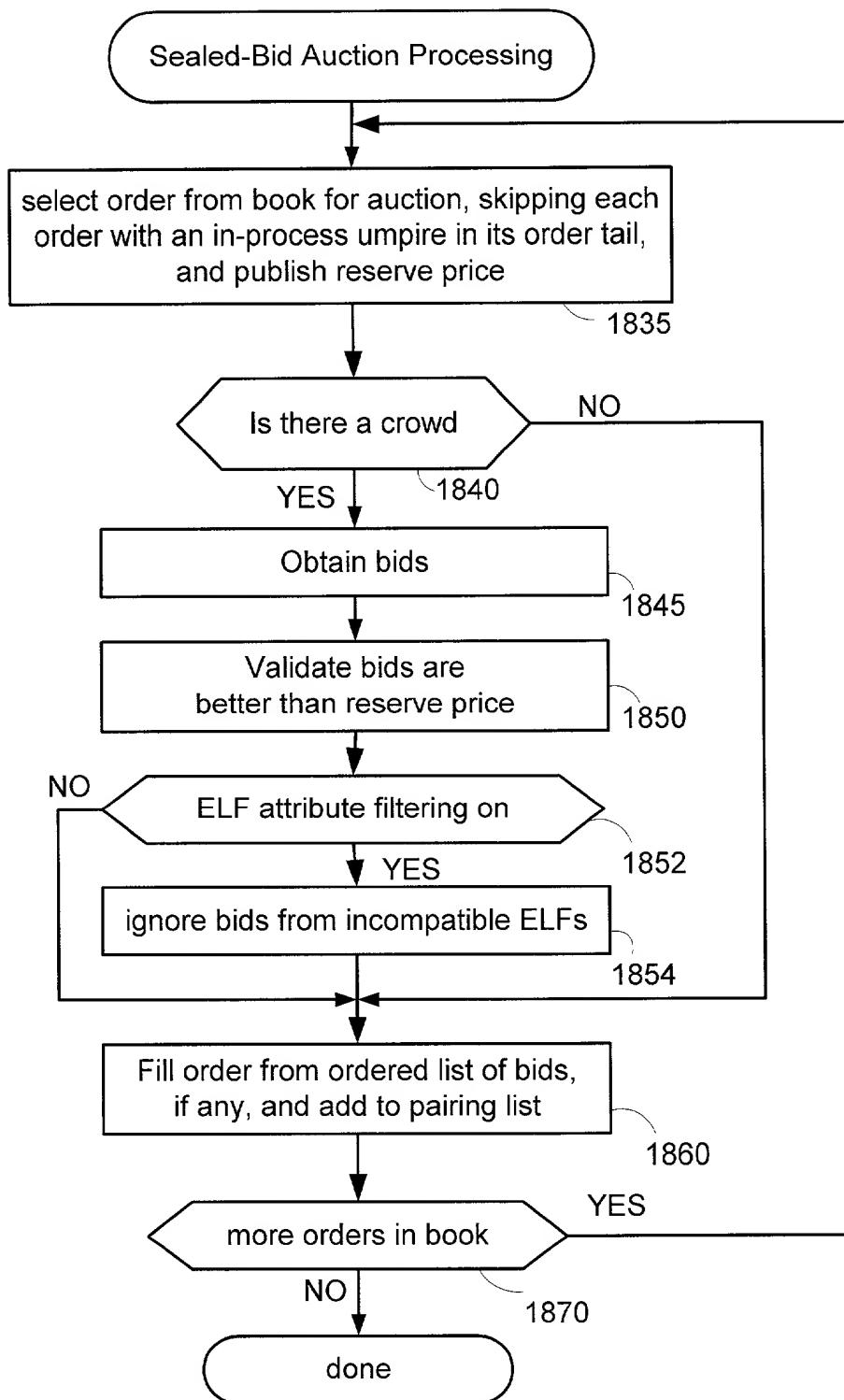


FIG. 86

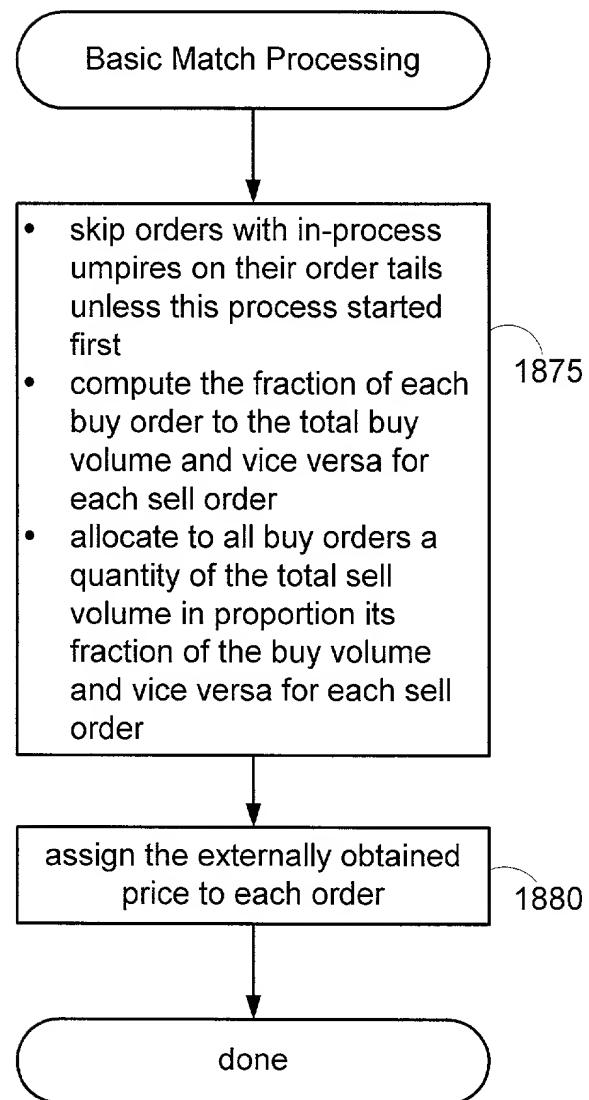


FIG. 87

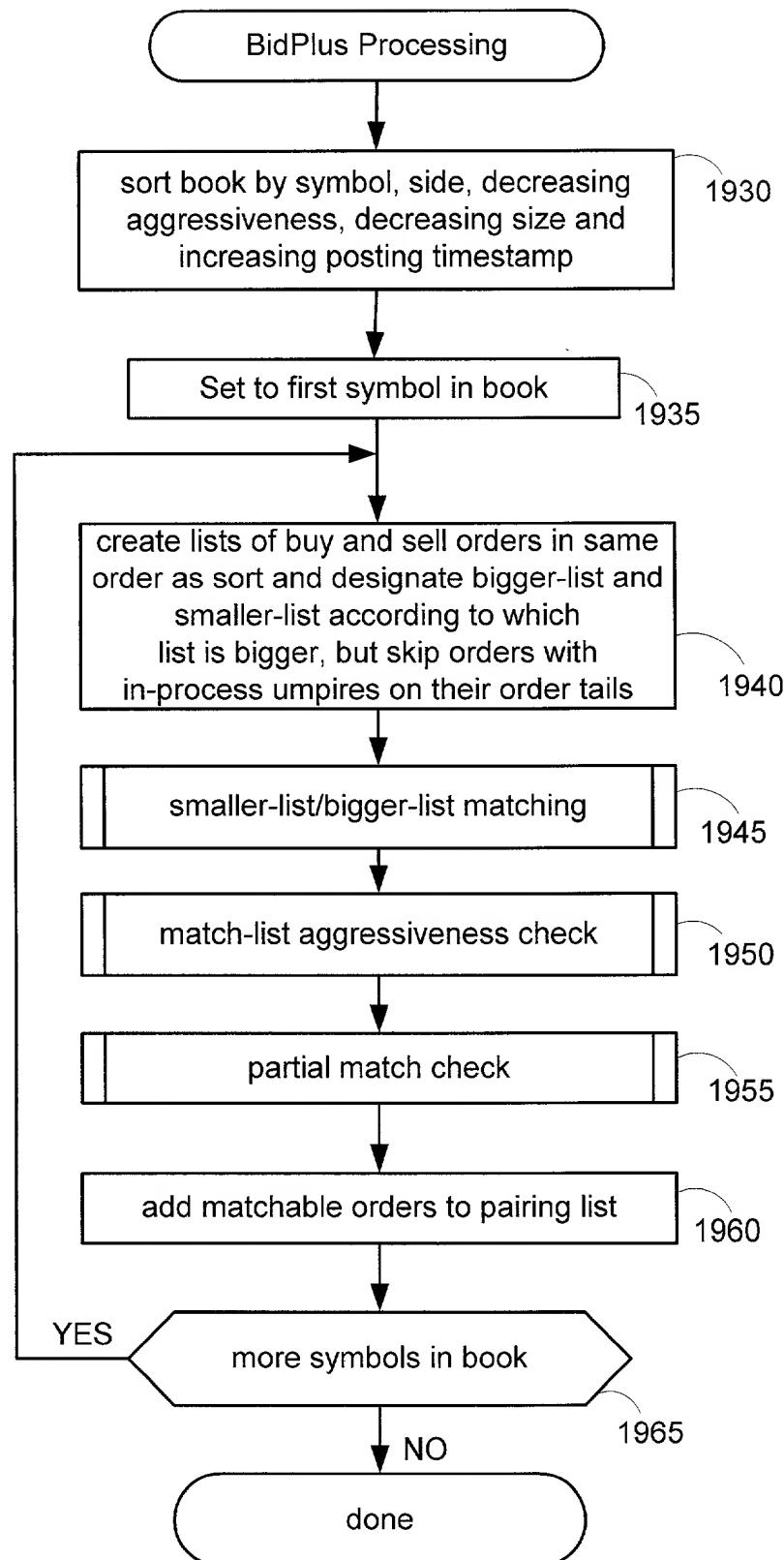


FIG. 88

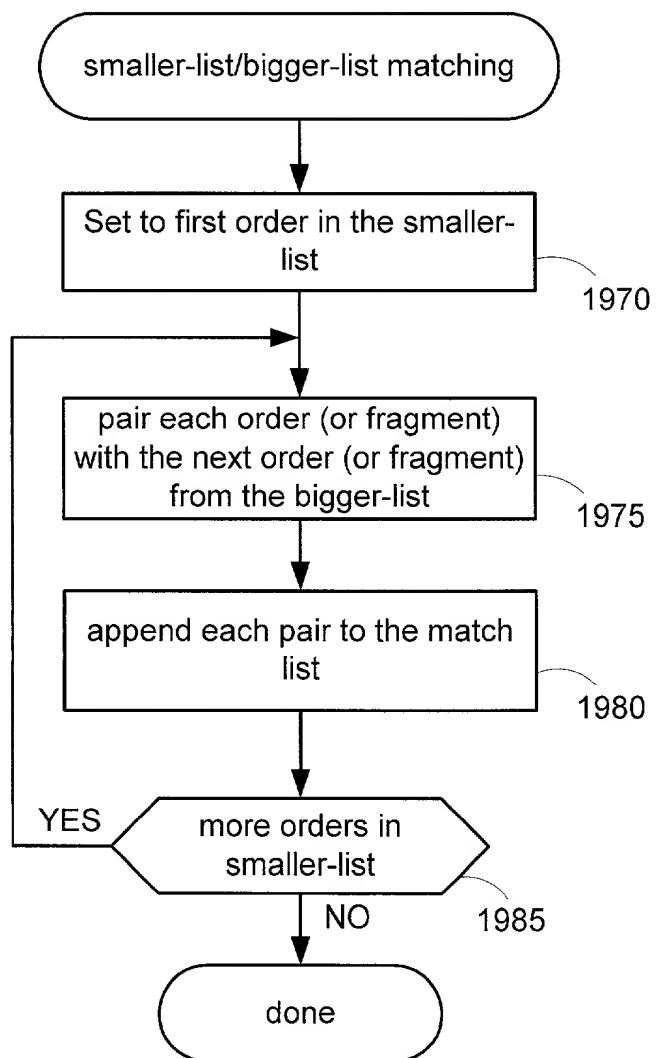


FIG. 89

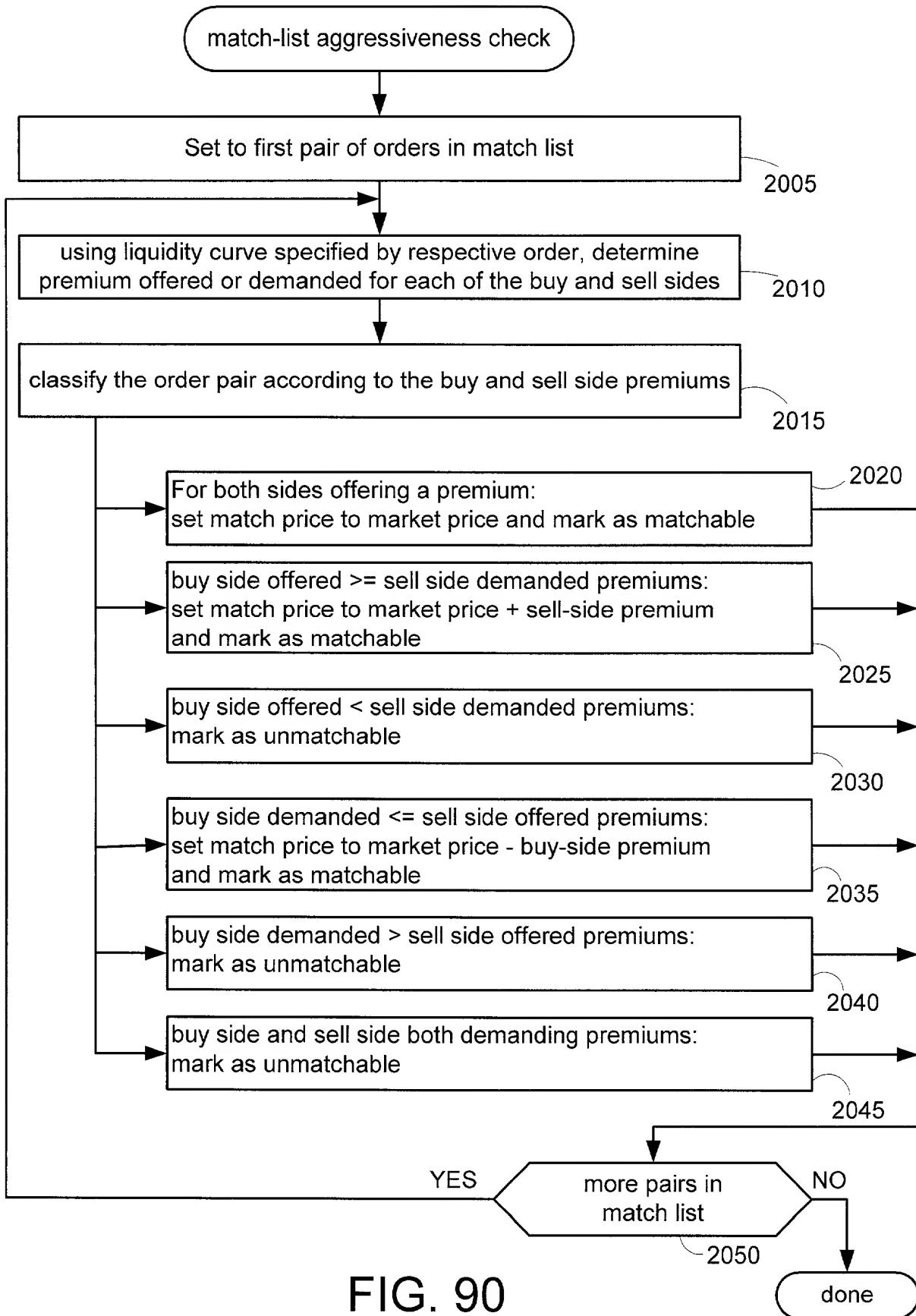


FIG. 90

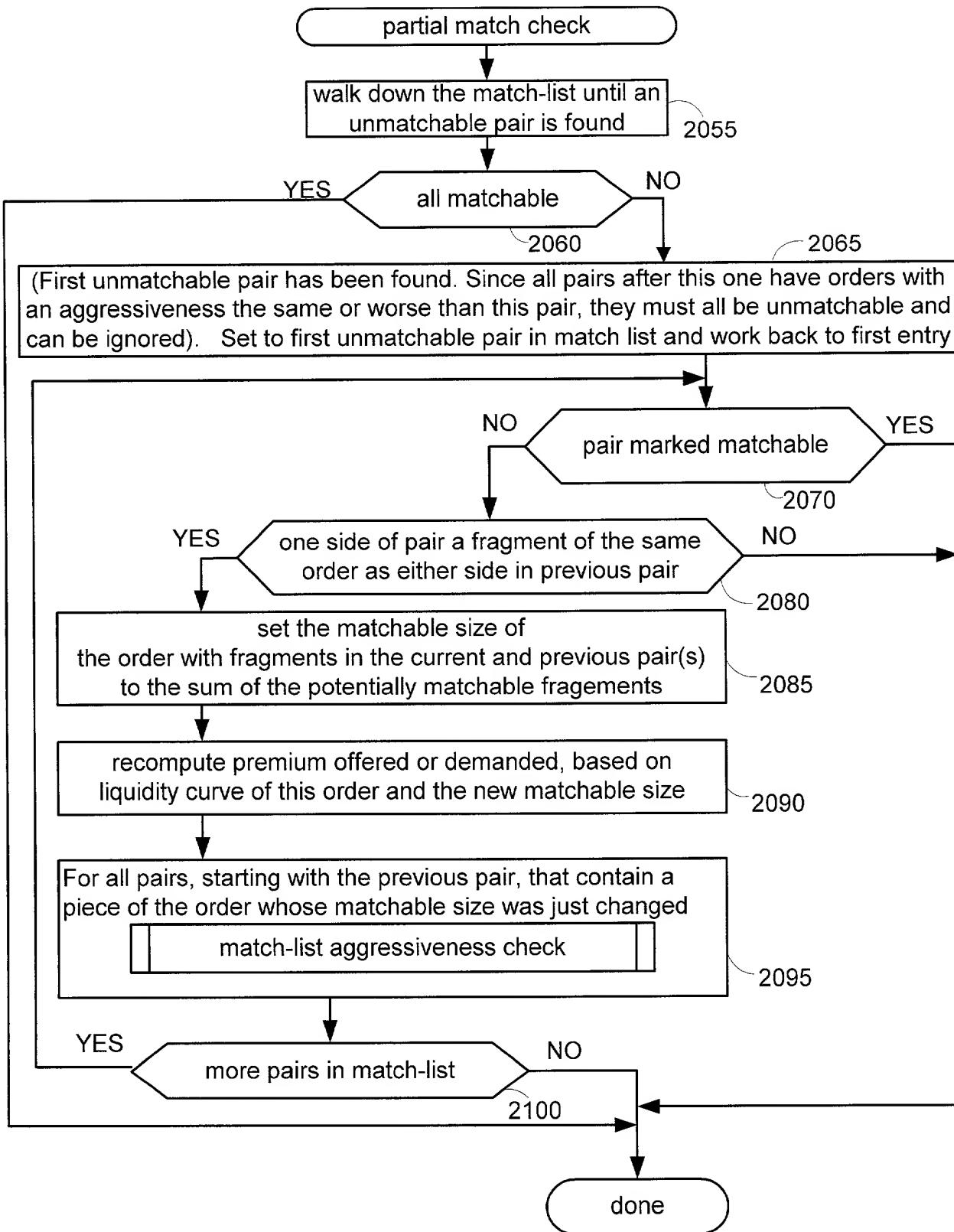


FIG. 91

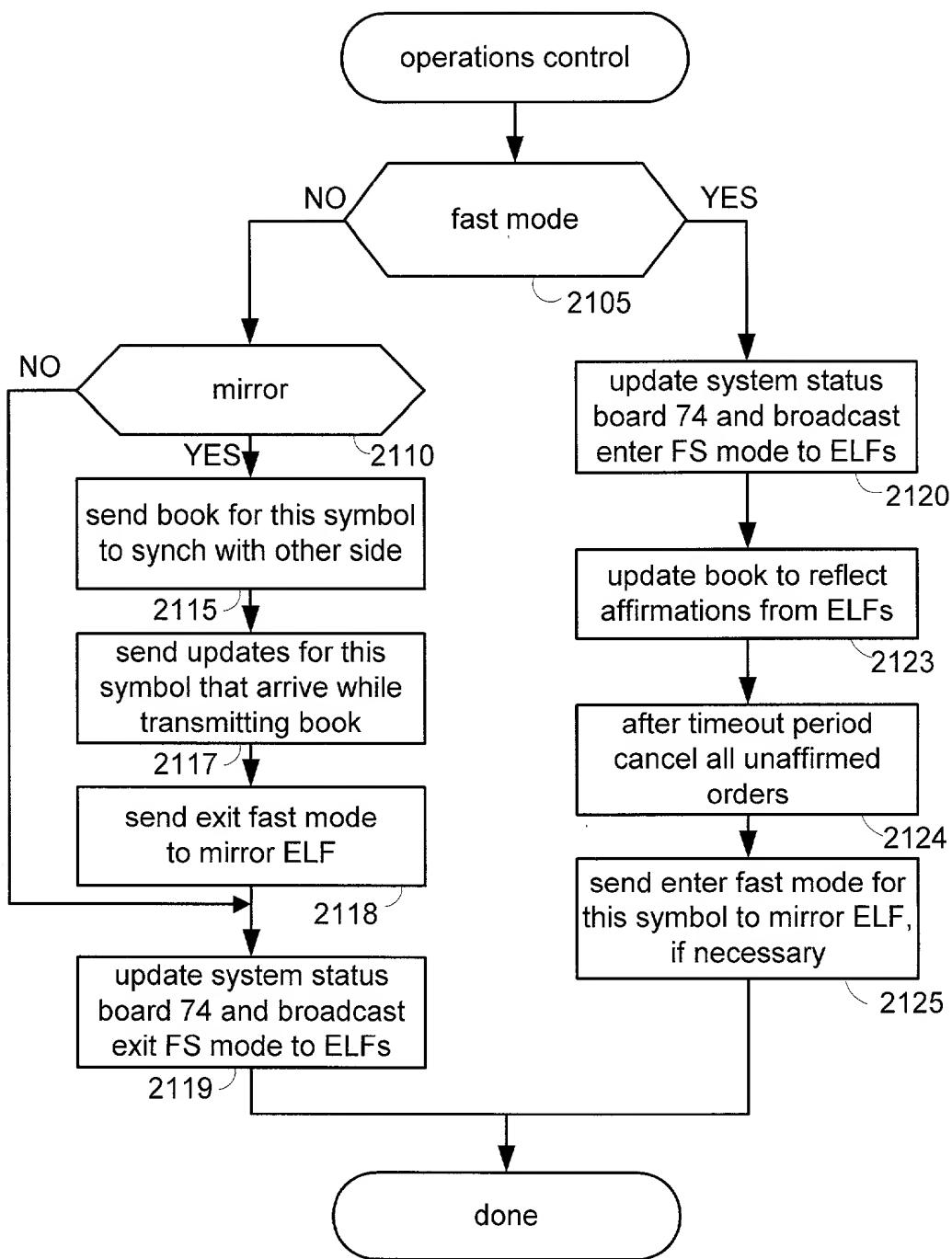
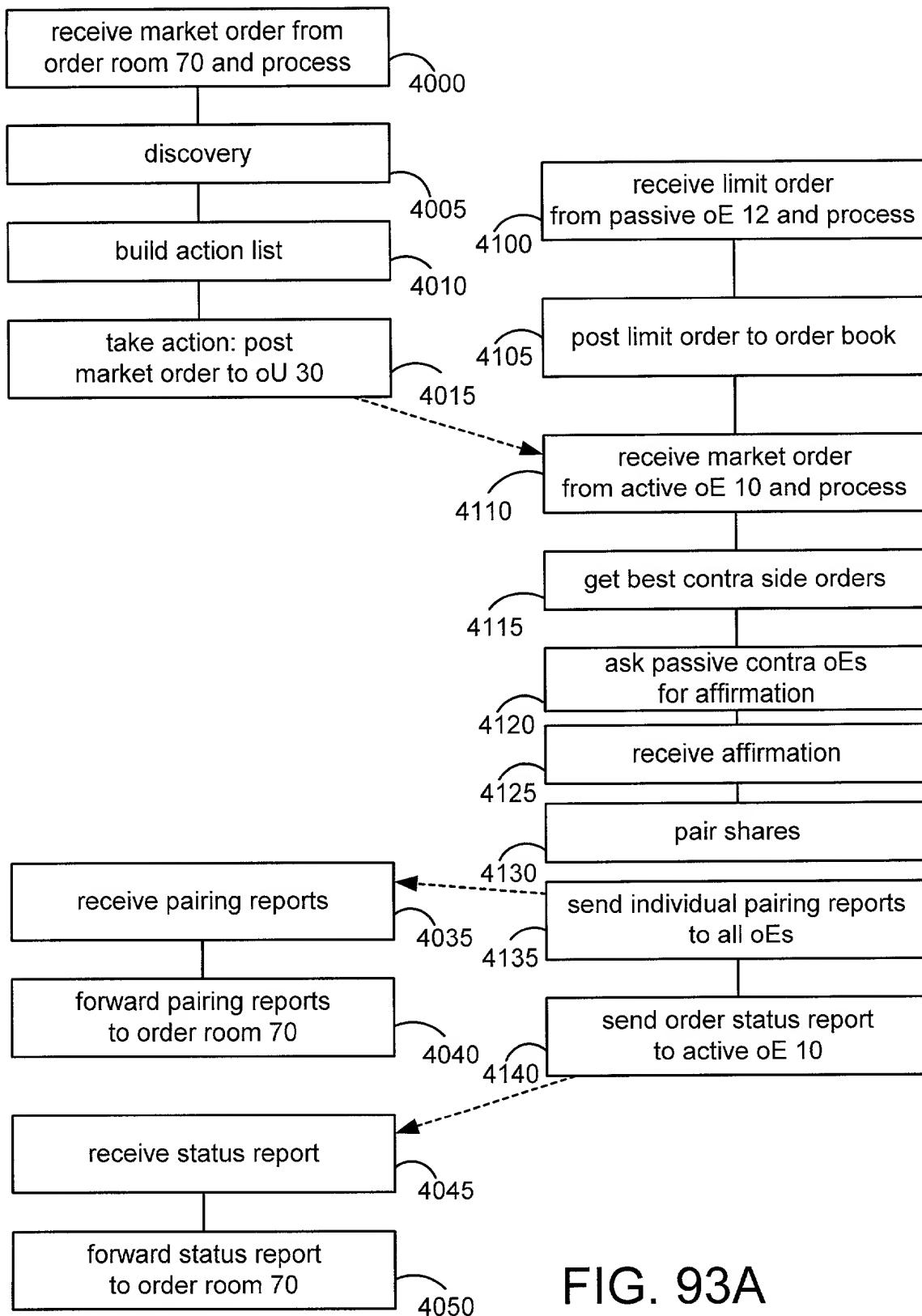
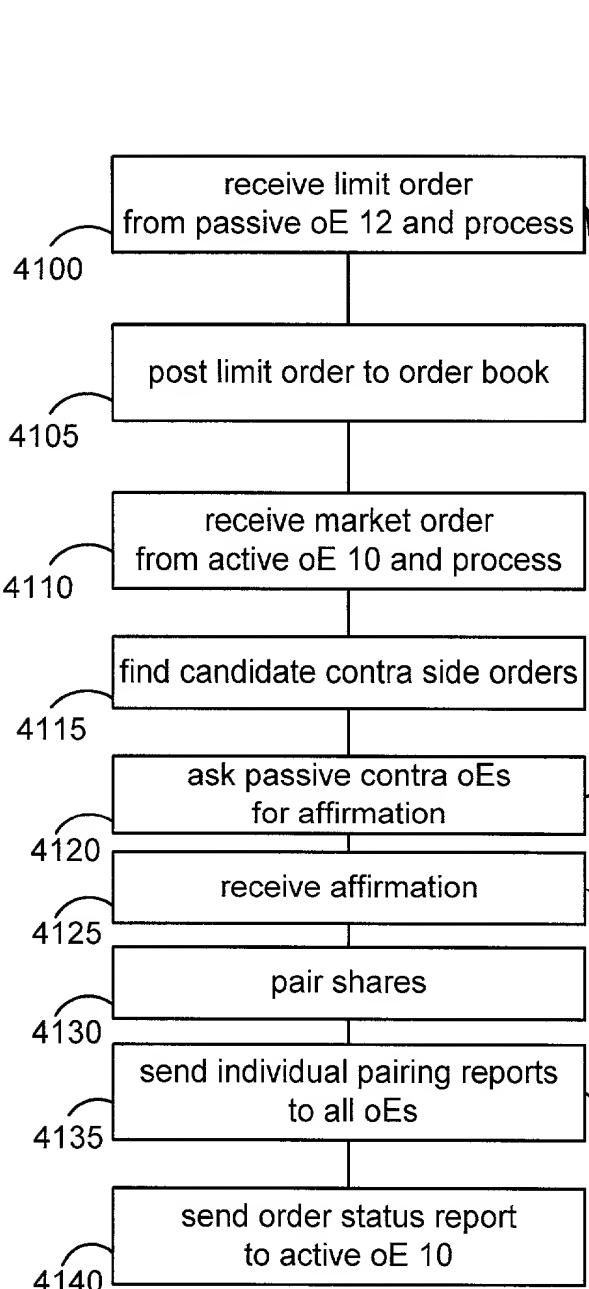
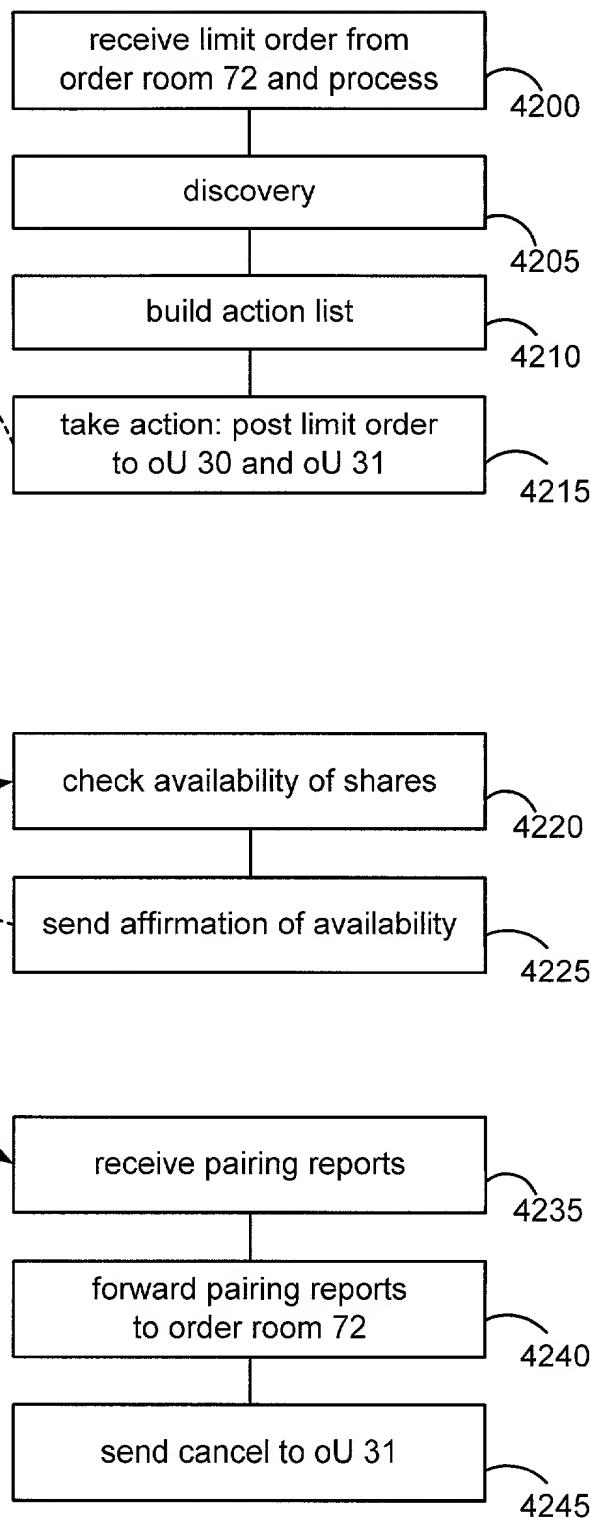
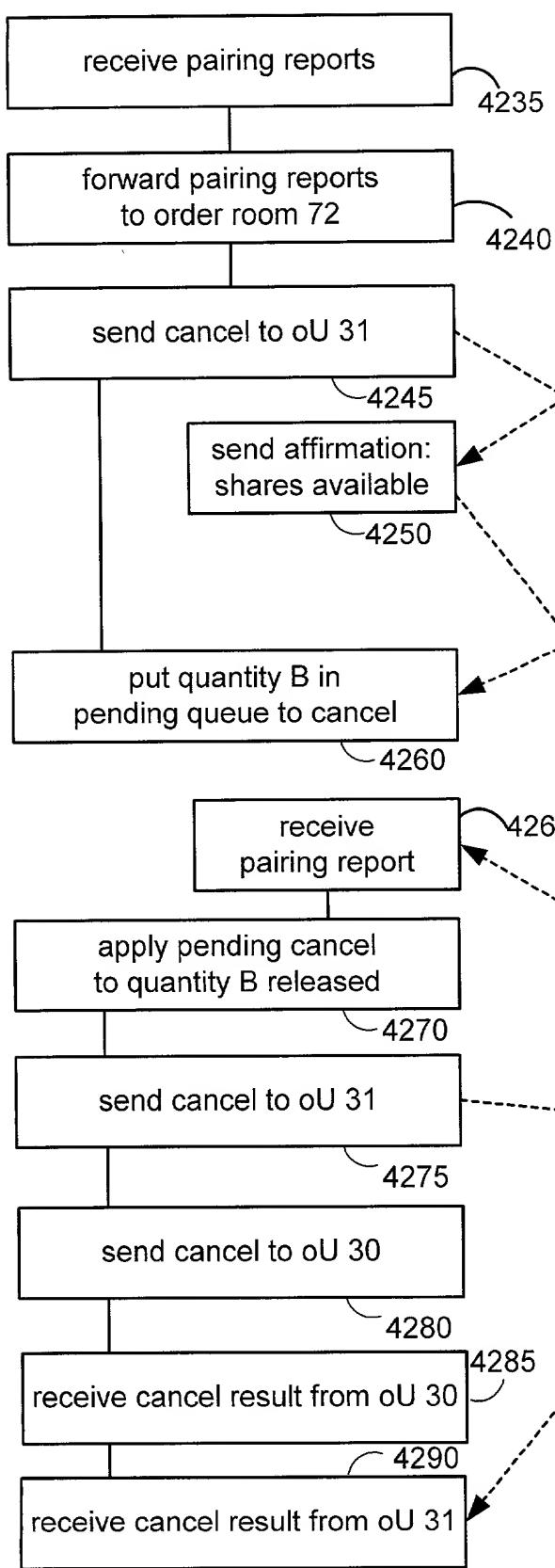
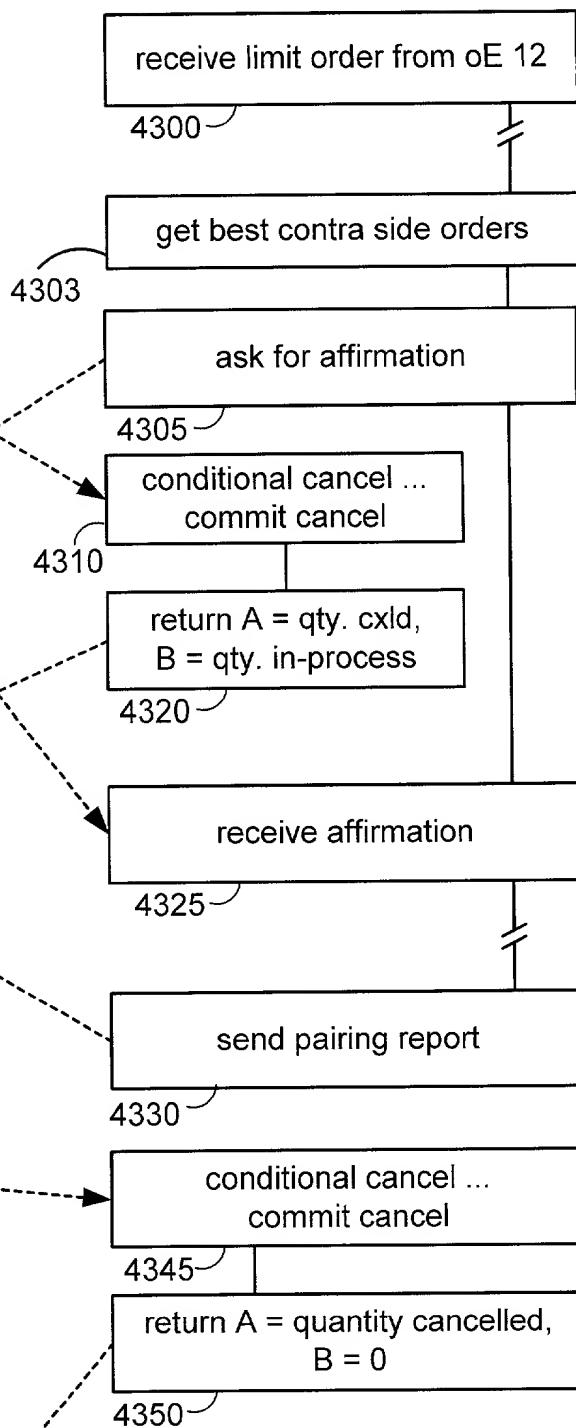
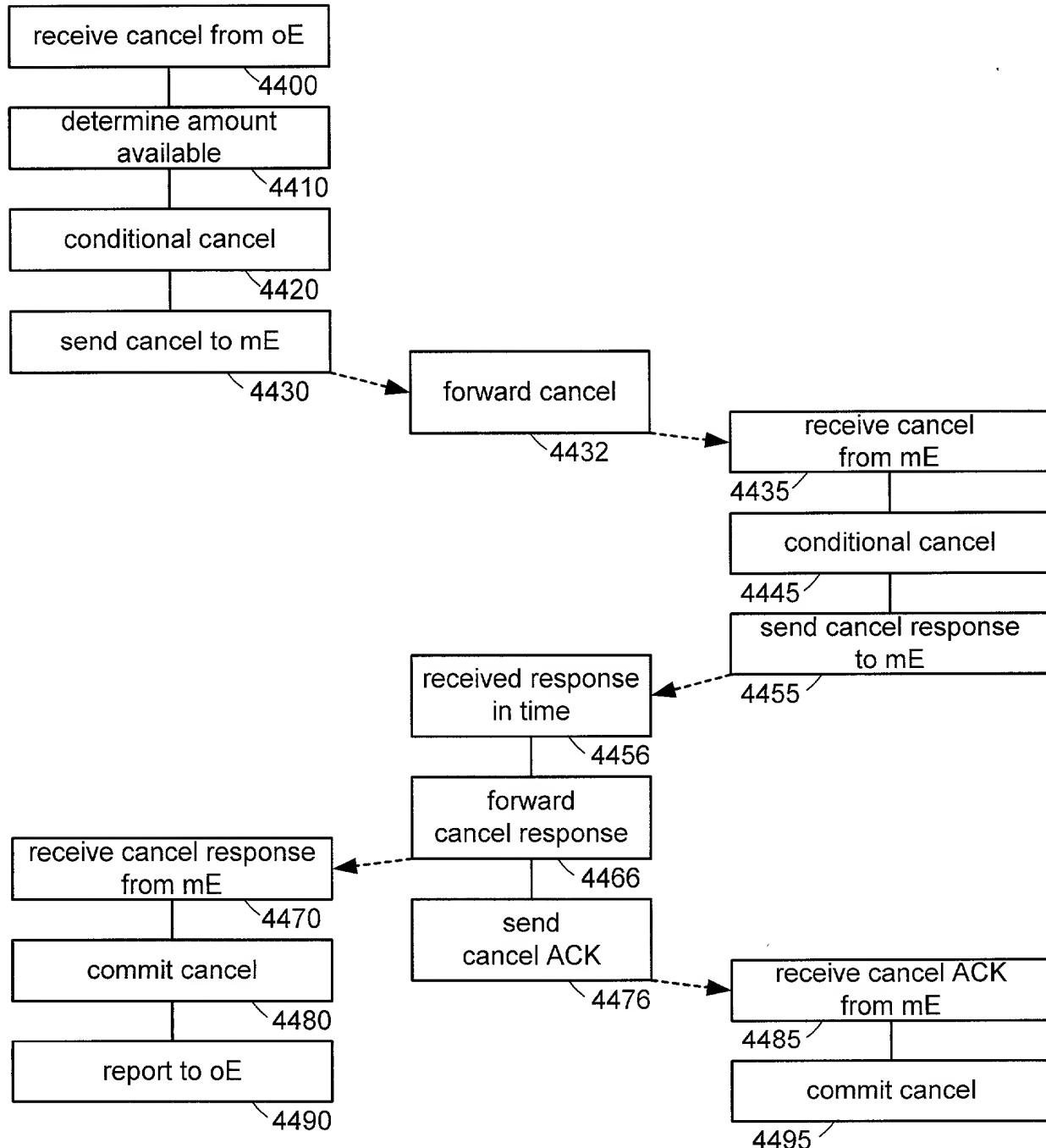


FIG. 92

**order ELF 10****order umpire 30****FIG. 93A**

**order umpire 30****order ELF 12****FIG. 93B**

**order ELF 12****order umpire 31****FIG. 93C**

**oU 31****mE 51****oU 32****FIG. 94**

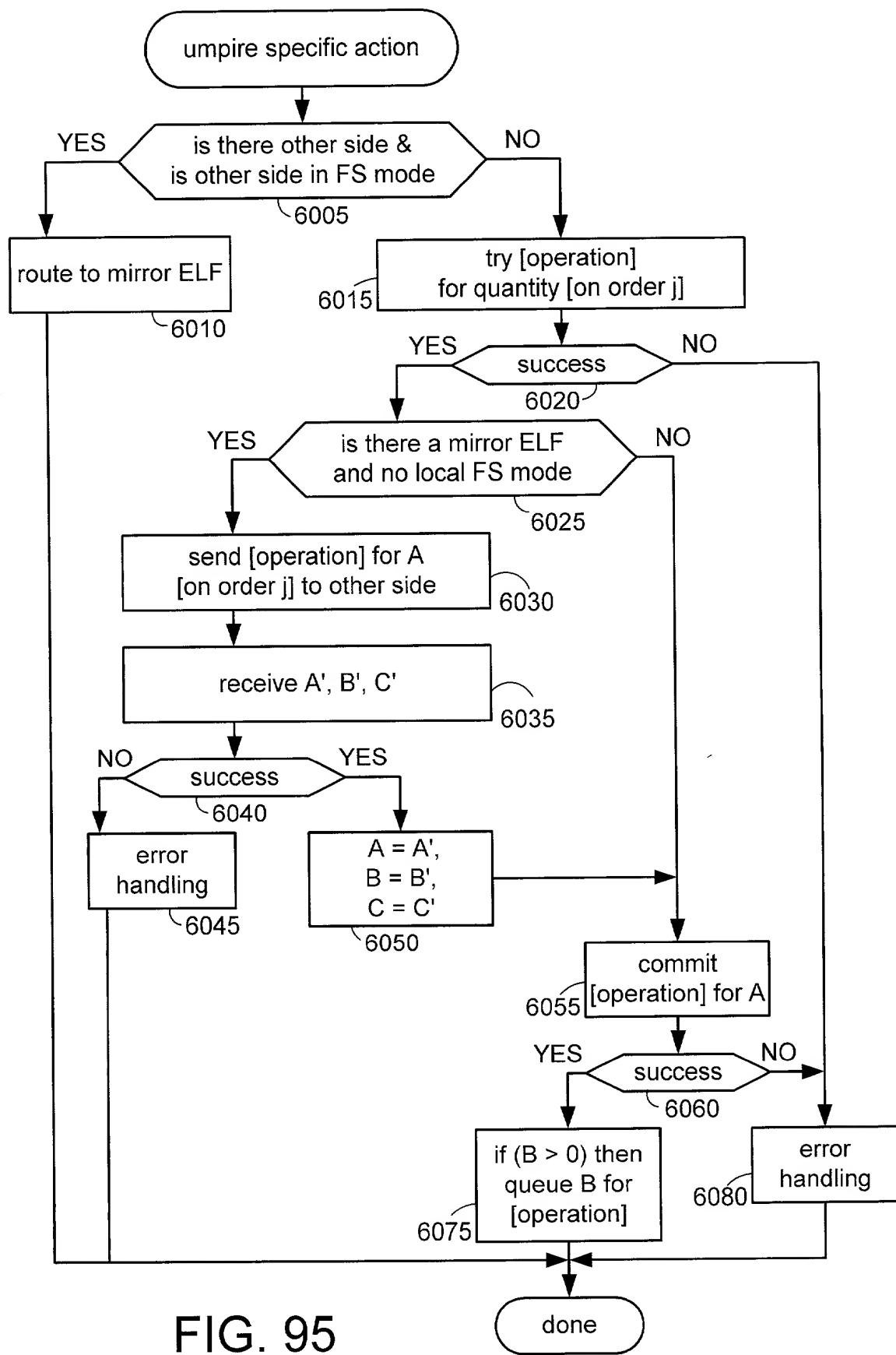


FIG. 95

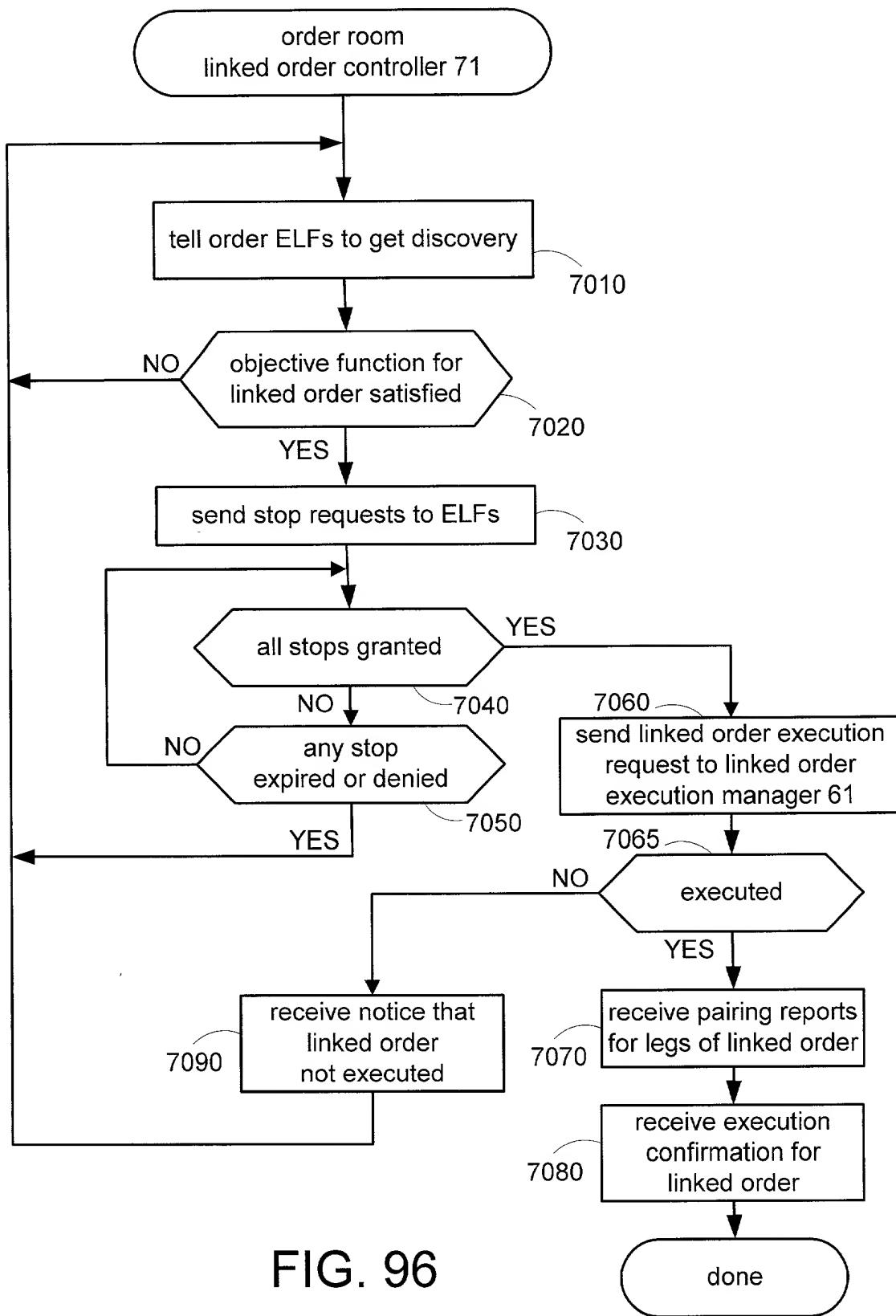


FIG. 96

LOEM 61

stop mgrs.67

umpires

ELFs

LOC 71

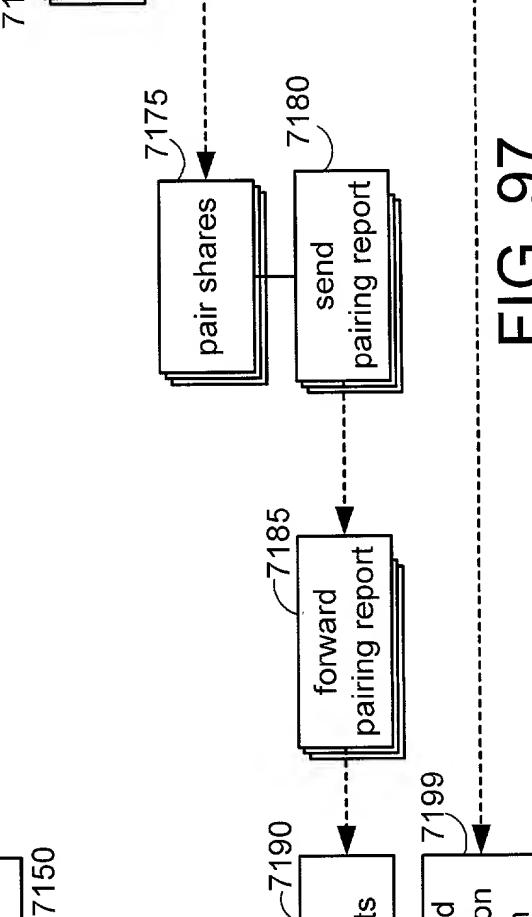
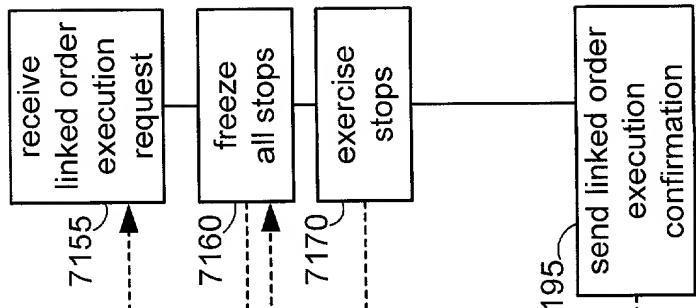
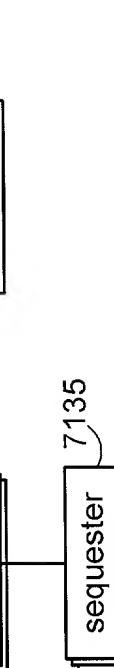
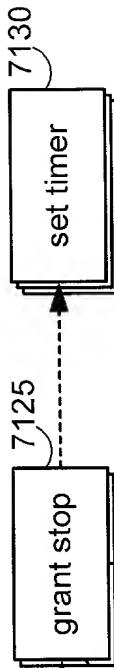
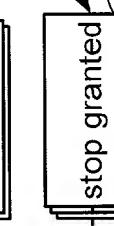
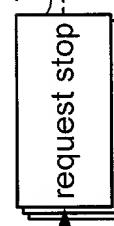
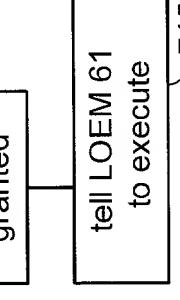
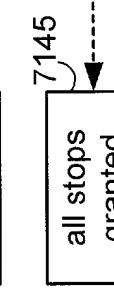
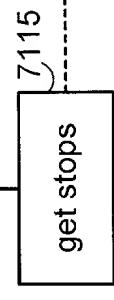
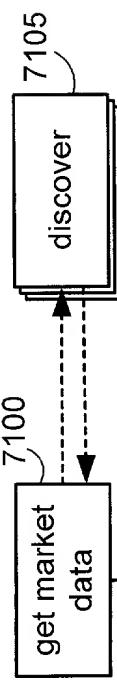


FIG. 97

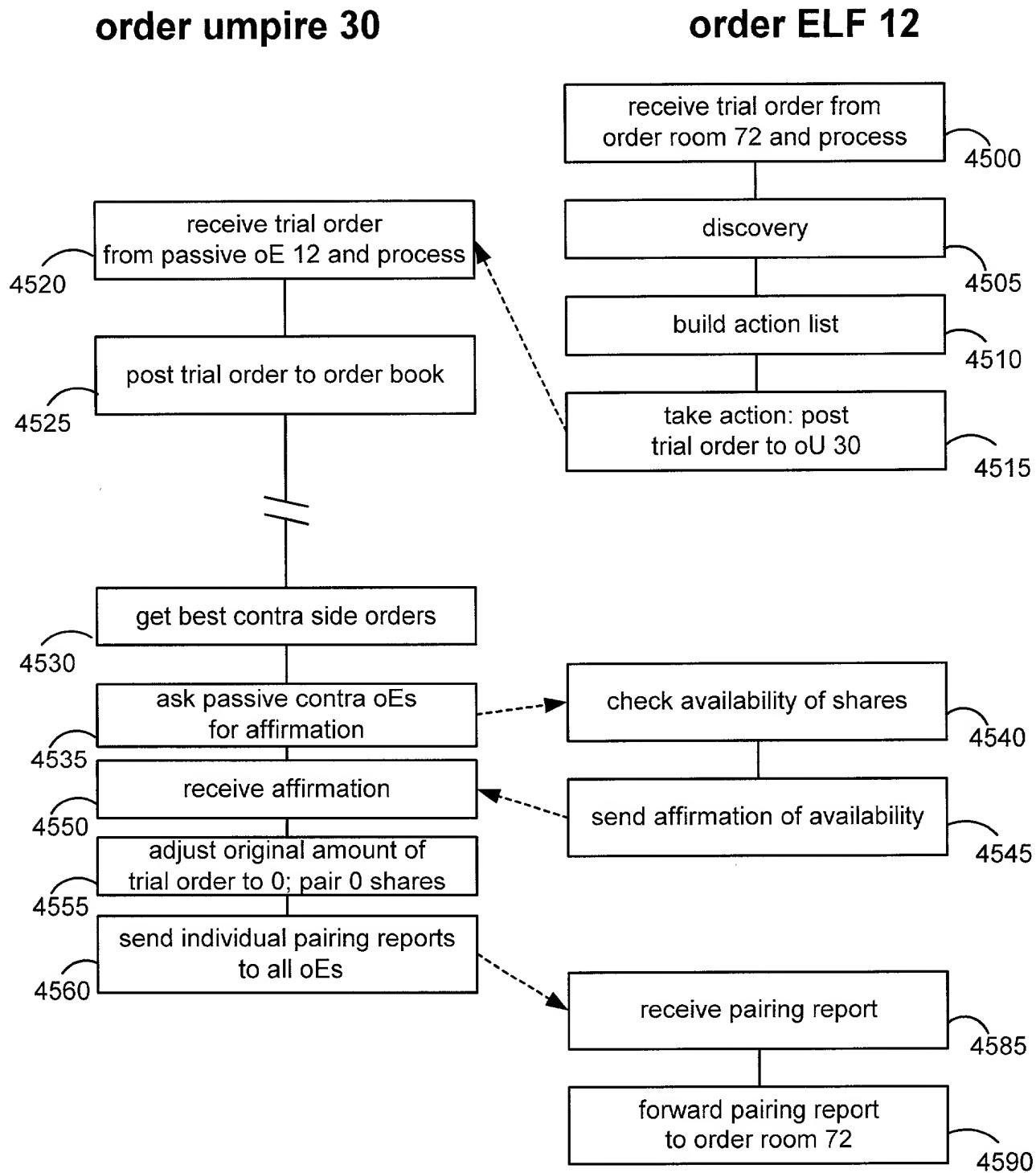
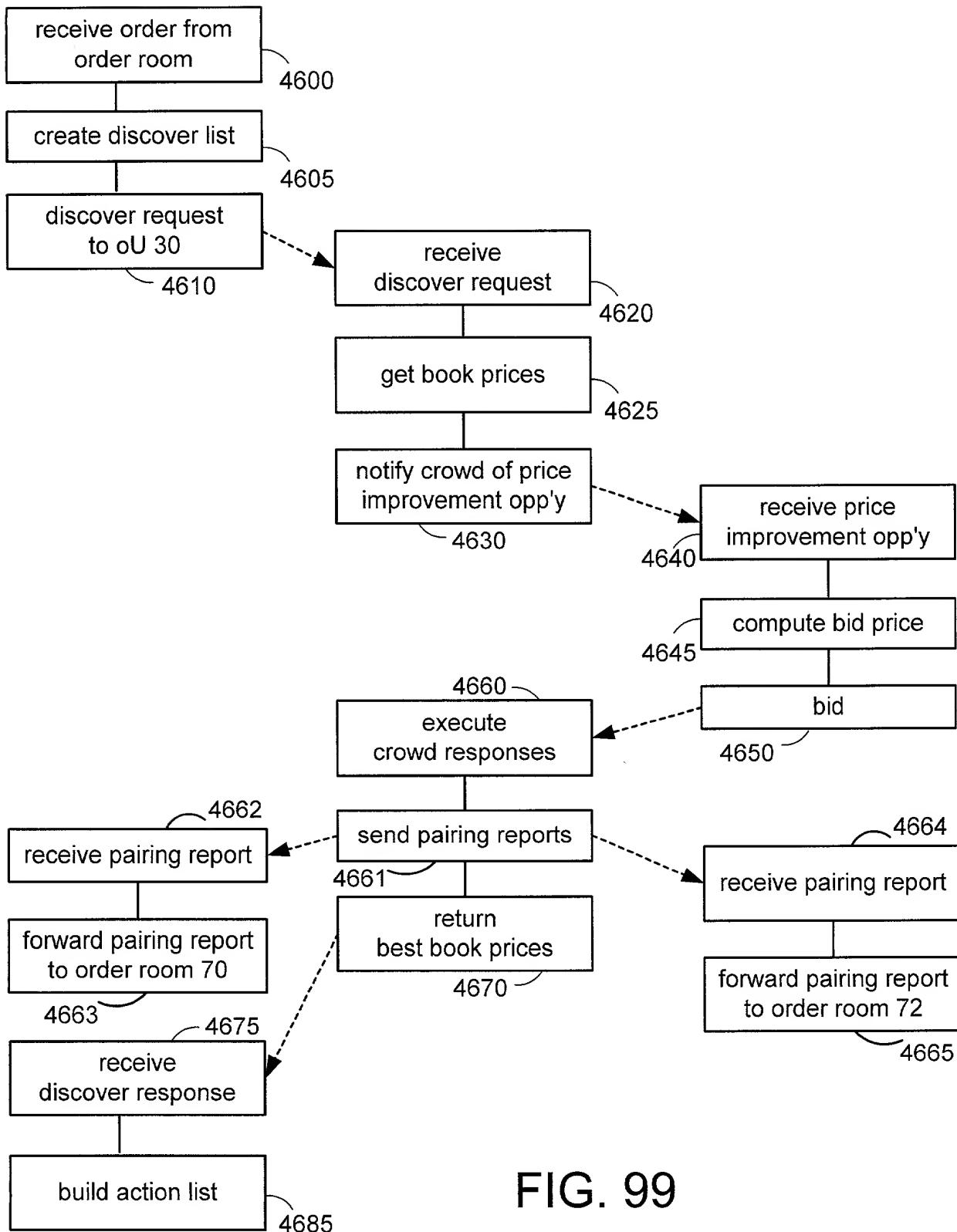
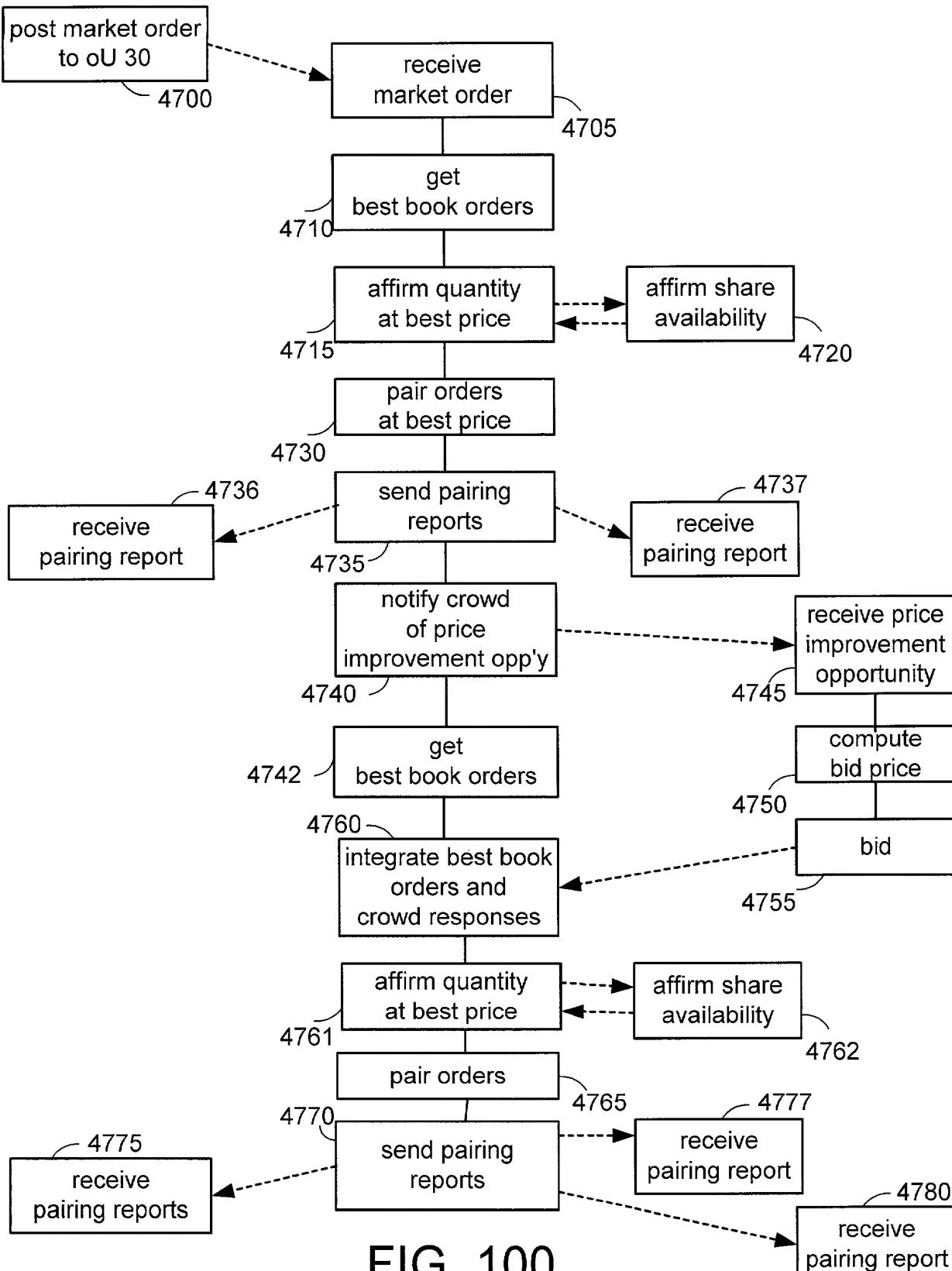


FIG. 98

**oE 10****oU 30****oE 12****FIG. 99**

**oE 10****oU 30****oE 11****oE 12****FIG. 100**

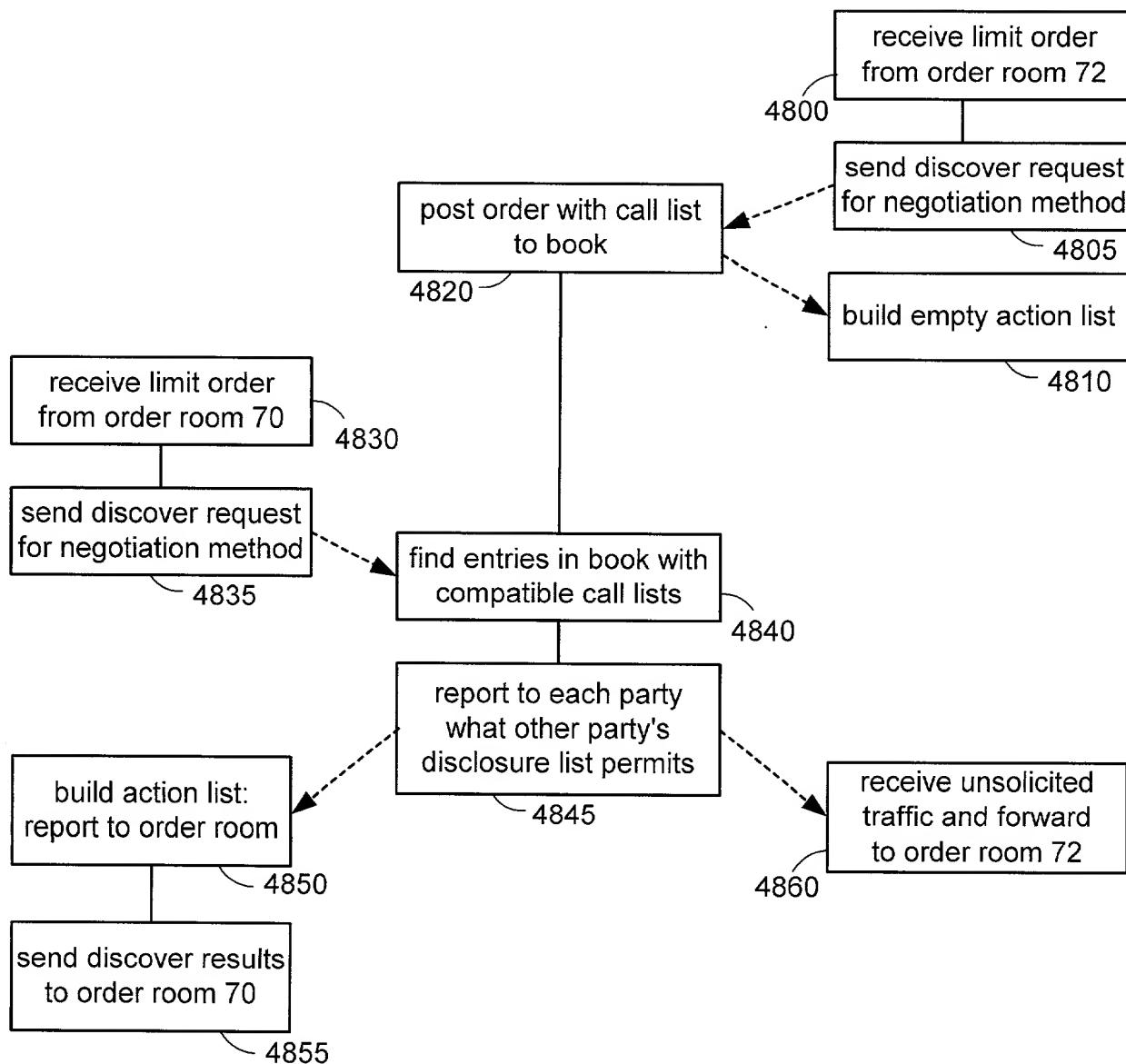
**oE 10****oU 30****oE 12**

FIG. 101

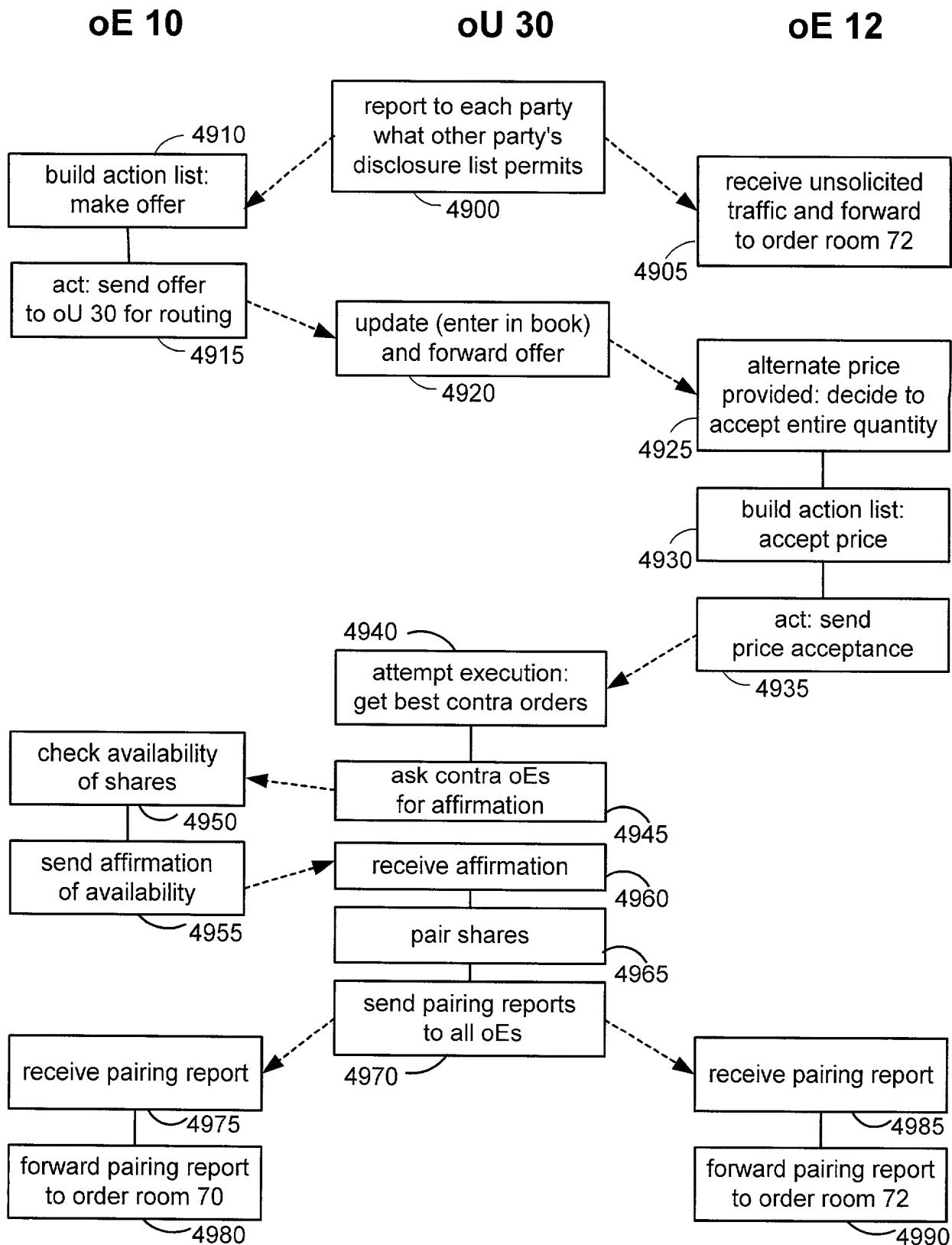


FIG. 102

oE 10

oU 30

stop order mgr 67

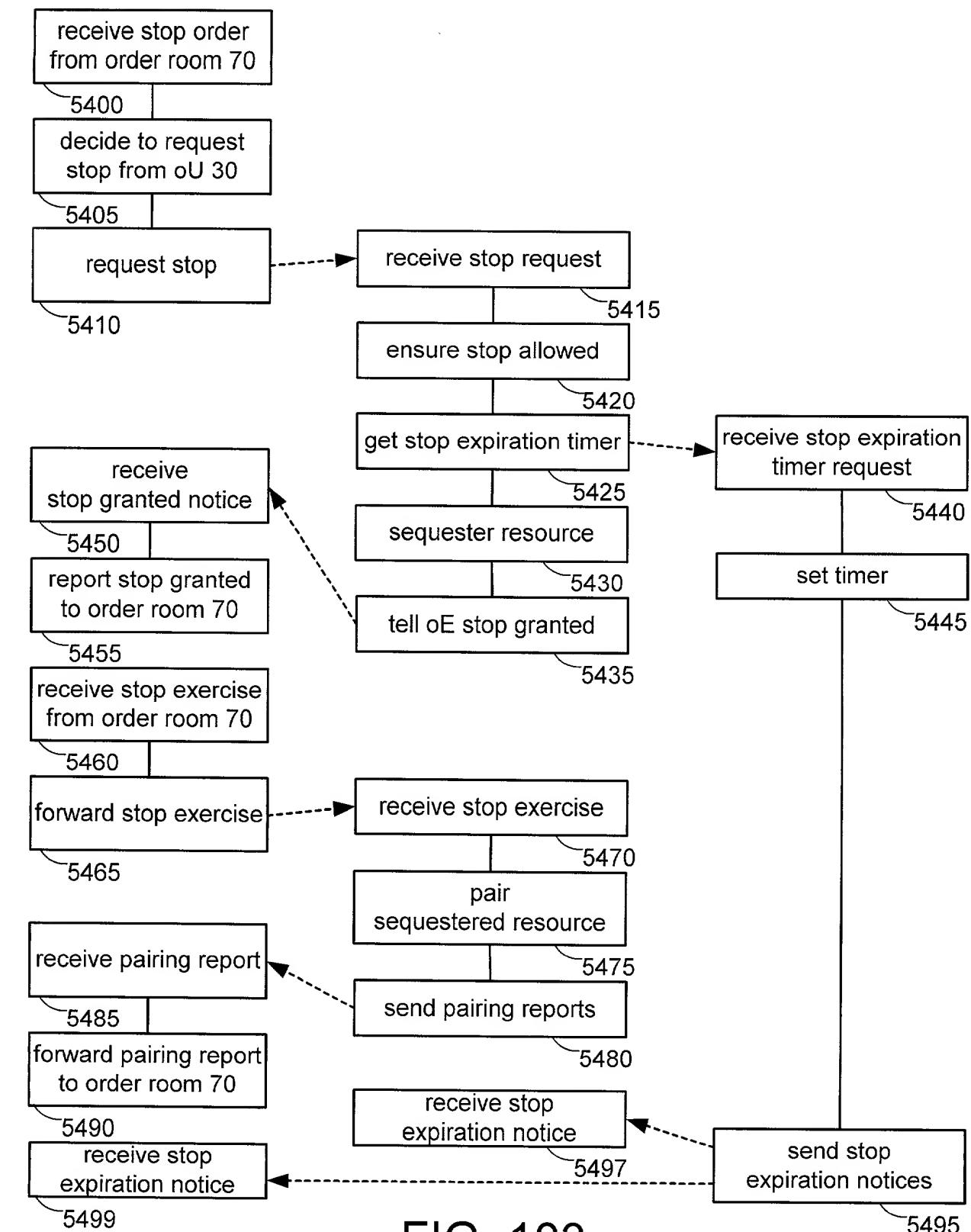


FIG. 103